



1008985

Application No.: OH0027740

OEPA Permit No.: 2PF00000*HD

Attachment 9

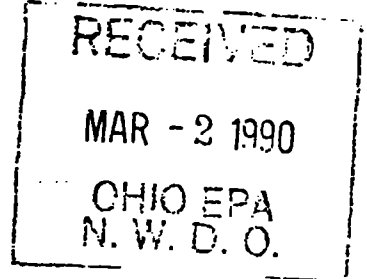
National Pollutant Discharge Elimination System (NPDES) Permit Program

P U B L I C N O T I C E

NPDES Permit Modification to Discharge to State Waters

Ohio Environmental Protection Agency
P.O. Box 1049
1800 WaterMark Drive
Columbus, Ohio 43266-0149
614-644-2001

FILE



Public Notice No. OEPA-90-03-017M

Date of Issuance of Proposed Modification: March 1, 1990

Date of Public Notice: March 8, 1990

Effective Date of Modification: April 10, 1990

Name and Address of Applicant: Mayor and Council, City of Toledo, One Government Center, Toledo, Ohio 43604

Name and Address of Facility where Discharge Occurs: City of Toledo WWT, Bayview Park, Toledo, Ohio

Location of Discharge: plant property to receiving stream

Receiving Water: the Maumee River

The purpose of the modification is to add to and/or significantly revise the interim and final effluent limitations and monitoring requirements for outfall 2PF00000001; including, but not limited to, revisions to pH, Chlorine Residual, Dissolved Oxygen, Suspended Solids, Oil and Grease, 5 day CBOD, and heavy metals; and addition of TKN(N) Kjeldahl, Nitrate & Nitrite, and Silver on pages MM2, MM3, M4 and MM5. To revise for outfall 2PF00000601 the sample type for Phenol; and to add monitoring requirements for pH, TK(N) Kjeldahl, Dissolved Hexavalent Chromium, Silver, Toluene, and 5 day CBOD on page MM6. To add to and/or significantly revise the monitoring requirements for outfalls 2PF00000801 and 2PF00000901; including revisions to Temperature, Dissolved Oxygen, 5 day BOD, pH, Suspended Solids, Chromium; Fecal Coliforms, Phenols, Residual Chlorine, Mercury, and Cyanide; and the addition of heavy metals, Toluene, and Hardness on page M7. To revise the measurement frequency and sample type for all parameters at outfall 2PF00000581, and to add TKN(N) Kjeldahl at this outfall on page MM8. To add monitoring requirements for three new sludge stations, outfalls 2PF00000582, 2PF00000583, and 2PF00000586, on pages 8a, 8b, and 8c. To delete the Schedule of Compliance on page MM10, and replace it with a new schedule on pages 10a and 10b. Outfalls 2PF00000582, 2PF00000583 and 2PF00000586 were added to Part II, Item B; and Part II, Item C - requirement for the submittal of discharge monitoring reports was deleted on page M11. The requirement for incorporation of pretreatment programs, Part II, Item K, was deleted. It was replaced with new requirements regarding Alternative Justification. In addition, the language under Part II, Item L has been replaced with updated language. These changes are on page M13. Language for Part II, Items P, Q, and R has been revised on page MM15. The language under Part II, Item S - Pretreatment Requirements has been replaced with updated language on pages MM15, MM15a, MM15b, and MM15c. Requirements for effluent disinfection, reevaluation of Chlorine Residual, POTWs that accept hazardous waste, submittal of evaluation of sludge management plan, and for submittal of reports.

Procedures for Participation in the Formulation of Final Determinations

The proposed modification is tentative but shall become final on the effective date unless (1) an adjudication hearing is requested, (2) the Director withdraws and revises the proposed modification after consideration of the record of a public meeting or written comments, or (3) upon disapproval by the Administrator of the U.S. Environmental Protection Agency.

Within thirty (30) days of publication of this notice any person may submit written comments, a statement as to why the proposed modification should be changed, a request for a public meeting on the proposed modification and/or a request for notice of further actions concerning the modification. All communications timely received will be considered in the final formulation of the modification. If significant public interest is shown a public meeting will be held prior to finalization of the modification.

Within thirty (30) days of the issuance of the proposed modification any officer of an agency of the state or of a political subdivision, acting in his representative capacity or any person aggrieved or adversely affected by issuance of it may request an adjudication hearing by submitting a written objection in accordance with Ohio Revised Code Section 3745.07. Since all other conditions of the permit remain in effect, a hearing may not be requested on any issues other than the proposed modification. If an adjudication hearing is requested, the existing NPDES permit will remain in effect until the hearing is resolved. Following the finalization of the modification by the Director, any person who was a party to an adjudication hearing may appeal to the Environmental Board of Review.

Requests for adjudication hearings and public meetings shall be in writing and shall state the action of the Director objected to, the questions to be considered, and the reasons the action is contested. Such requests should be addressed to:

Legal Records Section
Ohio Environmental Protection Agency
P. O. Box 1049
1800 WaterMark Drive
Columbus, Ohio 43266-0149

Interested persons are invited to submit written comments upon the proposed modification. Comments should be submitted in person or by mail no later than 30 days after the date of this Public Notice. Deliver or mail all comments to:

Ohio Environmental Protection Agency
Attention: John Sadzewicz, Manager
Permits Section
P. O. Box 1049
1800 WaterMark Drive
Columbus, Ohio 43266-0149

The OEPA permit number and Public Notice numbers should appear on each page of any submitted comments. All comments received no later than 30 days after the date of the Public Notice will be considered.

The fact sheet, public notice, proposed permit modification including proposed effluent limitations, special conditions, comments received and other documents are available for inspection and may be copied at a cost of 20 cents per page at the Ohio Environmental Protection Agency at the address shown above any time between the hours of 8:00 a.m. and 5:00 p.m., Monday through Friday. Copies of the Public Notice are available at no charge at the same address.

Discharge Location

The Toledo, Bay View WWTP discharges at approximately river mile (RM) 1.40 to the Maumee River, Lucas County. The subsequent stream network is the Maumee River to Maumee Bay/Toledo Harbor to Lake Erie. Figure 1 shows the approximate location of this facility.

Facility Description

The Bay View WWTP is a secondary treatment facility with phosphorus removal that became operational during June, 1988 when an existing plant was upgraded. It has an average design flow of 130 MGD with approximately 21 percent of the flow to the plant coming from industrial users. Wet stream processes include screening and aerated grit removal, preaeration, phosphorus removal using the addition of ferrous salts, primary settling, activated sludge aeration, secondary clarification and chlorination. Solid stream processes are thickening by gravity (primary sludge) and dissolved air floatation (waste activated sludge), anaerobic digestion and dewatering using belt filter presses. In accordance with an approved management plan, ultimate sludge disposal is by the following methods: land application at agronomic rates, land reclamation (PPG Lime Lakes project), advanced stabilization (N-VIRO process), top soil production ("Nu-Soil" product) and/or landfilling.

The Toledo Bay View WWTP sewerage system is combined (approximately 21 percent), separate (79 percent) and approximately five percent of the service area is unsewered. The system has approximately 34 mechanically controlled combined sewer overflows that discharge to the Maumee River and Swan Creek.

During wet weather peak flows, combined sewer flow to the plant is screened, chlorinated (seasonal) and passes through a swirl concentrator for solids removal. Underflow goes to the head of the plant, and overflow is discharged to the river. The city is currently constructing a system of storage sewers to collect "first flush" wet weather combined sewer flow for subsequent release to the treatment plant.

Since March, 1986, Toledo has been implementing an Ohio EPA approved industrial pretreatment program at the Bay View WWTP. Thirty five significant categorical industrial users (IU), 44 significant noncategorical IUs and a large number of other IUs discharge to the plant. Industrial users include automobile manufacturers, glass manufacturers, metal finishers, steel picklers, dairies, industrial laundries, shipbuilders and chemical manufacturers.

Description of Existing Discharge

Table 1 presents a summary of unaltered monthly operating report data for Bay View WWTP outfall 2PF00000001. Data are for parameters affected by the proposed permit modification and are presented for the periods July, 1988 - November, 1989 and 1983 - March, 1988. Current permit limits are provided for comparison. The July - November data are for a period when the upgraded plant is to have been achieving its current final effluent limits.

The data show that the WWTP has not always been in compliance with the limits for total phenolics and some metals. During the period since the upgraded plant became operational (July, 1988 - November, 1989), violations of the phenolics limit have been reported in six of seventeen months. Violations of concentration and loading limits for total suspended solids and phosphorus have been persistent problems.

Table 2 presents the results of silver and toluene analyses conducted on outfall 001 effluent.

Allowable Effluent Toxicity (AET) is a factor considered in evaluating Whole Effluent Toxicity (WET). It incorporates the effects of effluent dilution by the receiving stream and is expressed in terms of toxic units (TU), standardized measures of toxicity. Both acute and chronic AET are calculated. For the Bay View WWTP, the acute AET is 0.5 TUA and the chronic AET is 1.8 TUC.

On August 4 and 5, 1986 two grab and one composite samples of Bay View WWTP outfall 001 effluent were collected by Ohio EPA for use in screening bioassay tests. Pimephales promelas, the fathead minnow, and Ceriodaphnia affinis/dubia were used as the test organisms. None of the samples were acutely toxic to fathead minnows. All of the effluent samples were acutely toxic to C. affinis/dubia (grab samples - 50 and 100 percent mortality, composite sample - 80 percent mortality). Chronic toxicity was not evaluated.

Receiving Stream Impacts

A chemical/physical/biological survey of the Maumee River in the vicinity of the Bay View WWTP was conducted by Ohio EPA during the summer and fall of 1986.

Chemical and physical analyses of water samples collected immediately upstream and downstream of the WWTP outfall revealed water quality characterized as fair. For each parameter, eighteen to twenty samples from each sampling station were analyzed. With the possible exceptions of copper (mean = 8.3 ug/l, RM 1.5; 8.0 ug/l RM 1.0) and total phenolics (mean = less than 20 ug/l, RM 1.5 and RM 1.0), the observed mean concentrations were well below the 30 day average water quality standards (copper - 9.4 ug/l, total phenolics - 10 ug/l).

Upstream of the WWTP at RM 4.7, the results of fish sampling indicated partial attainment of the Warmwater Habitat (WWH) use designation. Nonattainment of WWH criteria was observed both upstream and downstream of the WWTP (RM 3.6 to RM 0.5), and partial recovery of the fish community was documented at RM 0.4. It was concluded that factors contributing to the nonattainment included discharges from the Bay View WWTP, discharges to the Maumee River and Swan

Creek from Toledo area combined sewer overflows (CSO) and discharges of arsenic from an industrial source located upstream on Swan Creek, tributary to the Maumee River at RM 5.22.

The observed macroinvertebrate index declined between RM 7.3 and RM 1.5. Degradation of the macroinvertebrate community especially was apparent along the north bank of the Maumee River and was attributed to discharges from numerous CSOs located along the north bank and from CSOs discharging to Swan Creek. Impacts observed at the RM 1.5 north bank sampling station were attributed to CSO discharges and the Bay View WWTP.

Sediment samples taken at RM 4.9 and RM 1.0 contained cadmium, chromium, copper, lead and zinc at levels rated as highly to extremely elevated according to the classification system recommended in "Special Study, 1986/87 Ohio EPA 305(b) Sediment Metals Report, Volume III, March, 1987". This was indicative of contaminated conditions, but a source of the contaminants was not specified.

On August 5, 1986 Ohio EPA collected grab samples of Maumee River water upstream from the Bay View WWTP and downstream in the effluent mixing zone. These samples were used in screening bioassays with fathead minnows and C. affinis/dubia as test organisms. None of the samples were found to be acutely toxic to the test organisms. Chronic toxicity was not evaluated.

Section 304(l) Short List Status

The Toledo Bay View WWTP has been implicated along with other point source discharges as contributing to stream degradation of the Maumee River. Based on the degraded instream conditions and the known toxic parameters found in the WWTP's effluent, the Bay View WWTP has been identified for inclusion on Ohio's 304(l) short list.

As a result of these conditions and pursuant to Section 304(l) of the Clean Water Act (CWA) as amended in 1987, an Individual Control Strategy (ICS) for regulating discharges of toxic pollutants identified in Section 307(a) of the CWA is required. Eight priority pollutant metals (cadmium, chromium, copper, lead, mercury, nickel, silver and zinc) and one organic compound (toluene) have been identified in the Bay View WWTP effluent in concentrations that could be contributing to stream degradation. This fact sheet, the proposed permit modification and the accompanying wasteload allocation comprise the required ICS.

Wasteload Allocation Results

Table 3 presents the results of a wasteload allocation (WLA) conducted in December, 1989 for Toledo Bay View WWTP outfall 2PF00000001.

The 30 day average limits were calculated to maintain the Chronic Criteria, and the maximum values were based on the Acute Aquatic Criteria. These criteria were set forth in the Ohio EPA User's Manual for Wasteload Allocation (Procedure E2). The results were limited by application of the Antidegradation policy (Procedure A12).

The Bay View WWTP discharges near the mouth of the Maumee River (RM 1.40). Discharges in this area are impacted by lake levels and prevailing winds. Under certain conditions, receiving waters act as a free flowing stream and under other conditions they act as a lake.

Complex estuary modeling was not done. Allocations were developed using both free flowing stream and lake discharge methods and compared. The more protective results (free flowing stream) were recommended.

Use Classification, Water Quality Standards, Effluent Limitations, and Significant Factual and Legal Questions Considered

The segment of the Maumee River to which the Toledo Bay View WWTP discharges is designated for the following uses based upon Ohio Water Quality Standards (WQS; OAC-3745-1-11): Warmwater Habitat (WWH), Agricultural Water Supply (AWS), Industrial Water Supply (IWS) and Primary Contact Recreation (PCR).

Table 4 presents the final effluent limitation and monitoring modifications proposed for Bay View WWTP outfall 2PF00000001 and the basis for their recommendation.

The limits recommended for CBOD₅ are technology-based treatment standards set forth in 40 CFR Part 133, Secondary Treatment Regulation. Consistent with current permit procedures, CBOD₅ replaces BOD₅ as the parameter used to assess biochemical oxygen demand.

The suggested oil and grease limit is based on Ohio WQS (OAC 3745-1-07).

The proposed effluent limit modifications for dissolved hexavalent chromium, nickel and zinc are based on WLA. Hexavalent chromium has been detected (Table 1, July - November percentiles) from 61 percent to 261 percent of the average WLA. Limits, rather than only monitoring, are required for this parameter in accordance with procedures contained in Ohio EPA's 1988 User's Manual for Establishing Water Quality-Based Effluent Limits (WQBEL).

The limits suggested for cadmium and copper are based on WLA and are more restrictive than the most stringent limits (MSL) established for these parameters. The Most Stringent Limits Policy (WLA Procedure A20) is used to establish a lower boundary for WLA that typically will be the most restrictive limit recommended for existing discharges without additional justification. The policy allows final effluent limits to be set at values below the established MSLs (5.0 ug/l cadmium, 30.0 ug/l copper) when required to meet water quality standards. Data in Table 1 (July - November) suggest that the facility is capable of achieving the proposed cadmium limits. Less stringent interim limits, discussed below, are provided for copper.

Silver has been detected (Table 2) from 46 percent to 1538 percent of the average WLA, and the November, 1988 value of 20 ug/l exceeds silver's Final Acute Value (FAV) of 11.2 ug/l. The FAV is an absolute maximum concentration calculated to avoid rapidly lethal conditions in the effluent mixing zone. Final limits based on WLA are proposed in accordance with WQBEL procedures, and an interim permit condition of weekly monitoring is provided for this parameter. Monitoring allows for the collection of additional data on silver's frequency of occurrence and concentration variability.

It is recommended that the current daily maximum limits for lead, nickel and total phenolics be retained because they are more restrictive than limits based on the WLA. Thirty day average limits for lead and total phenolics can be developed later this year when the current permit expires (December 27, 1990).

The 30 day average limit proposed for mercury is based on WQS (OAC 3745-1-07) due to the bioaccumulative nature of this parameter.

Based on current permitting procedures, 30 day average and daily maximum limits are required for metals and other toxics when they are sampled more frequently than once per month. Both concentration and mass loading limits also are required. These procedures are in accordance with OAC 3745-33-04(B)(4).

Trivalent chromium has been detected (Table 1, July - November, percentiles) from 3 percent to 24 percent of the average WLA. Monitoring is the proposed permit condition for total chromium in accordance with WQBEL procedures. Free cyanide has been detected (Table 1, July - November, 50th percentile) at 12 percent of the average WLA. The 95th percentile value is skewed by a single high value of 100 ug/l, and this parameter has been below the detection limit (approximately 5 ug/l for total cyanide) for 15 of the past 17 months. Based on WQBEL procedures, it is recommended that the current monitoring requirement for total cyanide be retained. Testing for total cyanide in place of free cyanide is in accordance with current Agency policy. Monitoring of these parameters allows for the collection of additional data on their frequency of occurrence and concentration variability.

The monitoring requirements proposed for the final effluent, influent, upstream/downstream and sludge are in accordance with current Agency policy regarding NPDES permits (Division of Water Pollution Control Policy 1.12). This policy addresses the scope and frequency of monitoring for NPDES permits in order to provide a uniform set of monitoring requirements. Specific requirements depend on the type and size of the discharge. In addition to permit compliance, monitoring data provide information to aid in plant operations and serve as a data base for designing plant improvements or conducting future stream studies.

Based on guidelines in the Ohio EPA Policy for Implementing Chemical Specific Water Quality-Based Effluent Limits and Whole Effluent Toxicity Controls in NPDES Permits (Toxics Strategy; April 1989), the Bay View WWTP has been placed in category 2, "Strongly Suspected Toxicity Problem". Results of the 1986 screening bioassays conducted on Bay View WWTP final effluent suggest that the facility's discharge may be acutely toxic to aquatic organisms. The degree of Ceriodaphnia mortality observed in undiluted effluent (50 - 100 percent) implies that the effluent exceeds the plant's acute Allowable Effluent Toxicity of 0.5 TUa (30 percent mortality in undiluted effluent equals 0.6 TUa). Since acute toxicity normally is exhibited at toxic component concentrations greater than those at which chronic toxicity is observed, the potential for chronic toxicity exists. No definitive data on the chronic toxicity of the plant's effluent currently are available. Negative impacts to Maumee River biological communities resulting in nonattainment of the WWH use designation have been observed in the vicinity of the Bay View plant and partially are attributed to WWTP discharges.

The proposed biomonitoring program, with a trigger to initiate a Toxic Reduction Evaluation and toxic unit effluent limits, is in accordance with requirements of the Toxics Strategy. The calculated acute AET of 0.5 TUa has been increased to 0.6 TUa as required by the Toxics Strategy.

In order to provide the permittee with an opportunity to study 1) the economic and technological feasibility of meeting the final effluent limits proposed for metals or 2) the necessity of attaining those effluent limits to protect the designated use of the receiving stream, interim effluent limitations and a schedule of compliance are proposed. Less stringent interim limits based on the 95th percentile value (Table 1, July - November) are proposed for copper, and weekly monitoring is recommended for silver.

In accordance with WQBEL procedures, it is proposed that no monitoring or effluent limitations be required for toluene. Toluene has been detected (Table 2) and reported in form 2C data (10 ug/l) at levels far below the average WLA (3016 ug/l).

Table 1. Current permit limits for Toledo WWTP 001 effluent and a summary of unaltered monthly operating report data for July, 1988 - November, 1989 and 1983 - March, 1988.

Parameter	Current Permit Limits	July, 1988 - Nov., 1989				1983 - March, 1988			
		30-Day	7-day	50th 95th		50th 95th		Range	
				n	%ile	%ile	n	%ile	%ile
Cyanide-Free (ug/l)	Monitor			17	1.7	25	0.0-100	27 ^a	0 5 0-35
Cadmium-T (ug/l)	20 max.			17	0.1	1.1	0.0-2.0	62	1 10 0-20
Chromium: (ug/l)									
Hexavalent	Monitor			17	11	47	0.0-75	27 ^a	15 18 5-39
Trivalent	Monitor			17	2.7	22	0.0-48	27 ^a	7 65 0-79
Copper-T (ug/l)	85 max.			17	12	34	0.0-48	63	19 78 0-150
Lead-T (ug/l)	50 max.			17	10	53	0.0-60	63	8 66 0-345
Nickel-T (ug/l)	550 max.			17	64	225	0.0-235	62	133 508 0-970
Zinc-T (ug/l)	300 max.			17	100	393	31-530	61	115 563 0-1665
Phenolics-T (ug/l)	16 max.			16	22	93	0.0-106	27 ^a	0 57 0-66
Mercury-T (ug/l)	0.3 max.			17	0.1	0.7	0.0-0.8	61	0.4 4.2 0-20.7

^a 1986-1988.

Table 1. Current permit limits for Toledo WWTP 001 effluent and a summary of unaltered monthly operating report data for July, 1988 - November, 1989 and 1983 - March, 1988.

Parameter	Current Permit Limits 30-Day 7-day	July, 1988 - Nov., 1989				1983 - March, 1988			
		n	50th %ile	95th %ile	Range	n	50th %ile	95th %ile	Range
Cyanide-Free (ug/l)	Monitor	17	1.7	25	0.0-100	27 ^a	0	5	0-35
Cadmium-T (ug/l)	20 max.	17	0.1	1.1	0.0-2.0	62	1	10	0-20
Chromium: (ug/l)									
-Hexavalent	Monitor	17	11	47	0.0-75	27 ^a	15	18	5-39
-Trivalent	Monitor	17	2.7	22	0.0-48	27 ^a	7	65	0-79
Copper-T (ug/l)	85 max.	17	12	34	0.0-48	63	19	78	0-150
Lead-T (ug/l)	50 max.	17	10	53	0.0-60	63	8	66	0-345
Nickel-T (ug/l)	550 max.	17	64	225	0.0-235	62	133	508	0-970
Zinc-T (ug/l)	300 max.	17	100	393	31-530	61	115	563	0-1665
Phenolics-T (ug/l)	16 max.	16	22	93	0.0-106	27 ^a	0	57	0-66
Mercury-T (ug/l)	0.3 max.	17	0.1	0.7	0.0-0.8	61	0.4	4.2	0-20.7

^a 1986-1988.

Table 2. Summary of pretreatment analyses of Toledo Bay View WTP outfall 001 effluent. All units are ug/l unless otherwise noted. BDL = below detection limit; K = less than; NA = not analyzed.

Analysis date	Silver	Toluene
11-22-88	20	BDL
12-16-87	K5	K0.3
1-2-87	4	NA
12-29-86	NA	K5.0
12-1-86	2.5	NA
11-24-86	0.9	NA
10-2-86	1.4	NA
9-29-86	2.3	NA
8-4-86	0.6	NA
7-1-86	1.4	NA
6-30-86	0.8	NA
5-1-86	1.1	NA
3-3-86	2.0	NA
1-29-86	3.1	NA

Table 3. Results of wasteload allocation conducted for Toledo Bay View WWTTP outfall 2PF00000001. Based on average design flow of 130 MGD.

PARAMETER	YEAR ROUND EFFLUENT LIMITS			
	AVERAGE		MAXIMUM	
	(ug/l)	(kg/day)	(ug/l)	(kg/day)
Cadmium	1.9	0.934	6.3 ^A	3.096
Chromium ⁺⁶ , Dissolved	18	8.846	30	14.743
Chromium, Total	90	44.228	213 ^A	104.674
Copper	12	5.897	44	21.623
Cyanide, Free	14	6.880	59	28.994
Lead	49	24.080	63 ^A	30.960
Mercury	0.2 ^B	0.098	2.2 ^B	1.081
Nickel	385	189.199	885 ^A	434.912
Phenolics, Total	18	8.846	40 ^A	19.657
Silver	1.3	0.639	5.6	2.751
Zinc	207	101.725	781	383.803
Toluene	3016	1481.86	3745	1840.04

A) Limited by Antidegradation Policy.

B) WLA limited to WQS due to bioaccumulation.

Table 4. Final effluent limitation modifications for Toledo Bay View WWP outfall 2PF00000001 and the basis for their recommendation. Effluent monitoring modifications are also shown for outfall 001.

Parameter	Units	Discharge Limitations				Monitoring Requirements		Basis ^b
		Concentration		Loading (kg/day) ^d		Frequency	Sample Type	
		30 day Average	Daily Maximum	30 day Average	Daily Maximum			
Temperature	°C	—	—	—	—	— ^c	Cont. Max. Ind. Therm.	OEPA Policy ^d
Oil & Grease	mg/l	Not to exceed 10.0 at any time				2/wk	— ^c	WQS, OEPA Policy ^d
CBOD ₅	mg/l	25	40 ^e	12,321	19,713	— ^c	— ^c	BPT, OEPA Policy ^d
pH	S.U.	—	—	—	—	— ^c	Continuous	OEPA Policy ^d
Chlorine, Res.	mg/l	—	— ^c	—	—	— ^c	Multi-Grab	OEPA Policy ^d
Dissolved Oxygen	mg/l	—	— ^{c,f}	—	—	— ^c	Continuous	OEPA Policy ^d
Kjeldahl, TKN(N)	mg/l	Monitor				1/wk	Composite	OEPA Policy ^d
Nitrate (N) + Nitrite (N)	mg/l	Monitor				— ^c	— ^c	OEPA Policy ^d
Cadmium	ug/l	1.9	2.9	0.93	1.43	1/wk	— ^c	WLA/MSL, AP, OEPA Policy ^d
Chromium (Hex.) Dissolved	ug/l	18	27	9	13	1/wk	Grab	WLA, AP, OEPA Policy ^d
Chromium, Total	ug/l	Monitor				1/wk	— ^c	WQBEL, OEPA Policy ^d
Copper	ug/l	12	18	5.9	8.9	1/wk	— ^c	WLA/MSL, AP, OEPA Policy ^d
Lead	ug/l	—	50 ^c	—	25	1/wk	— ^c	OEPA Policy ^d
Mercury	ug/l	0.2	0.3 ^c	0.10	0.15	1/wk	— ^c	WQS, OEPA Policy ^d
Nickel	ug/l	385	550 ^c	189	271	1/wk	— ^c	WLA, OEPA Policy ^d
Zinc	ug/l	207	300 ^c	102	148	1/wk	— ^c	WLA, OEPA Policy ^d
Cyanide, Total	mg/l	Monitor ^c				1/wk	— ^c	WQBEL, OEPA Policy ^d
Phenolics, Total	ug/l	—	16 ^c	—	7.9	1/wk	Grab	OEPA Policy ^d
Silver	ug/l	1.3	2.0	0.64	0.98	1/wk	Composite	WLA, AP, OEPA Policy ^d
Acute Toxicity	TUa	Monitor with trigger				Monthly	—	TS
Chronic Toxicity	TUc	Monitor with trigger				Quarterly	—	TS

(Table 4, continued)

- a Effluent loadings based on average design flow of 130 MGD.
- b Definitions: AP = Administrative Policy [Daily maximum and 7-day average developed using the chronic (30-day average) wasteload allocation and multiplying by 1.5]; BPT = Best Practicable Waste Treatment Technology, secondary treatment criteria as set forth in 40 CFR Part 133, Secondary Treatment Regulation; TS = Toxics Strategy, Ohio EPA Policy for Implementing Chemical Specific Water Quality-Based Effluent Limits and Whole Effluent Toxicity Controls in NPDES Permits (April, 1989); WLA = Wasteload Allocation procedures (User's Manual for Wasteload Allocation; Ohio EPA; December 1, 1988); WLA/MSL = Wasteload Allocation/Most Stringent Limits procedures (Procedure A20); WQBEL = Ohio EPA 1988 User's Manual for Establishing Water Quality-Based Effluent Limits; WQS = Ohio Water Quality Standards (OAC 3745-1-07).
- c Unchanged from current permit.
- d Agency policy requires monitoring of flow and indicator parameters to assist in the evaluation of effluent quality and treatment plant performance (Division of Water Pollution Control Policy 1.12).
- e 7 day average value.
- f Daily minimum value.

Part I, C. Schedule of Compliance

- . This entity shall attain compliance with terms and conditions of this permit as expeditiously as practicable, but not later than dates developed in accordance with the following schedule.
2. This entity shall attain compliance with the final table metal limits as soon as possible but not later than three years following the effective date of this modification or by April 10, 1993, in accordance with the procedures outlined in Option #1 below or provide alternate justification as outlined in Option #2 (See Part II, Item K concerning alternate justification).

A. Option #1

If the permittee chooses to pursue meeting the final metal limits, they must proceed as outlined below.

- (1) If necessary within 6 months of the effective date of this modification or by October 10, 1990, develop and submit a general plan for improvements to meet final effluent metal limitations.

The general plan required shall address, as a minimum, the following:

- The treatment required to achieve compliance.
 - Cost estimates of required improvements along with operation, maintenance, and replacement costs for the improvements.
 - A proposed, fixed date compliance schedule for meeting the final effluent metal limits. As a minimum, this schedule should include dates for: start and completion of improvements, and achievement of final effluent limits.
 - The financial mechanism to be used to fund the required improvements as well as the operation, maintenance, and replacement costs.
 - Information on any appropriate interim measures that will be taken to improve the quality of effluent and ensure progress toward compliance, such as improved operation and maintenance procedures.
- (2) If necessary, within 1 year of the effective date of this modification or by April 10, 1991, begin implementation of the remedial measures outlined in their approved general plan so that the compliance deadline given above can be achieved.
 - (3) No later than 24 months after the effective date of this modification or by April 10, 1992, evaluate and submit to the Ohio EPA, Central Office, Pretreatment Unit in duplicate, technical justification for local industrial user limitations to attain compliance with final table limits, along with a proposed pretreatment program modification.
 - (4) No later than 30 months after the effective date of this modification or by October 10, 1992, incorporate revised local industrial user limitations in all industrial user control documents.

Part I, C. Schedule of Compliance (Cont.)

D. Options #2

If the entity chooses to provide alternative justification (see Part II, Item K) then the permittee shall:

- (1) Within 3 months of the effective date of this modification or by July 10, 1990, the entity shall submit a plan of study to Ohio EPA outlining the basis of alternative justification and a proposed information/data collection program designed to provide the intended justification.
 - (2) Upon approval of the plan of study or within 6 months of the effective date of this modification or by October 10, 1990, the entity shall implement the information/data collection program.
 - (3) Within 18 months of the effective date of this modification or by October 10, 1991, the entity shall submit a summary report to Ohio EPA which documents the results of the study and provides the necessary alternate justification.
 - (4) Within 21 months of the effective date of this modification or by January 10, 1992, the entity must submit to Ohio EPA any water quality standards variance request or documentation detailing maintenance of the existing stream use designation under the interim table limitations.
 - (5) No later than 21 months after the effective date of this modification or by January 10, 1992, evaluate and submit to the Ohio EPA, Central Office Pretreatment Unit in duplicate, technical justification for local industrial users limitations to attain compliance with limits justified in any variance requested.
 - (6) In the event that the variance is not approved, within 3 years of the effective date of this permit, or by April 10, 1992, the entity shall attain compliance with the final table effluent limitations.
3. Within 3 months of the effective date of this modification or by July 10, 1990, the permittee shall submit to the Ohio EPA Central Office, Pretreatment Unit in duplicate: An evaluation and technical justification for local industrial user limitations for compliance with interim effluent tables and a proposed treatment program modification, or appropriate justification for retaining existing local industrial user limitations.

PART II, OTHER REQUIREMENTS (Cont.)

- H. Composite samples shall be comprised of at least 3 grab samples proportionate in volume to the sewage flow rate at the time of sampling and collected at not less than 30 minute, nor more than 2 hour, intervals during the period that the plant is staffed on each day for sampling. Such samples shall be collected at such times and locations, and in such fashion, as to be representative of the facility's overall performance.
- I. Grab samples shall be collected at such times and locations, and in such fashion, as to be representative of the facility's performance.
- J. The permittee shall comply with the requirements under Section 201(b) through (g) of P.L. 95-217 consistent with the terms of the permittee's construction grant.

K. Alternative Justification

The interim effluent limitations for the metals parameters for this entity have been established to provide the entity with an opportunity to study the 1) economic and technological feasibility of meeting those limits or 2) the necessity of attaining those effluent limits to protect the designated use of the receiving stream. If the entity chooses to provide alternative justification (Option #2 in the Schedule of Compliance) the entity must provide the appropriate information/data outlined below:

1) Economic and Technological Feasibility:

- a) Document the characteristics of all sources of discharge into the POTW,
- b) Evaluate the economic impact of implementing the POTW modifications required to ensure compliance with the final table limitations and/or relevant industry related costs.
- c) Document the availability (or lack thereof) of technology to treat the wastewater to the level required by the final effluent limitations, and
- d) Provide detailed economic data on the community served by the POTW if a water quality standard variance will be sought.

2) Non-Impairment of the Aquatic Use Designation:

- a) Collect instream physical, chemical, and biological data to document that under the interim effluent limitations the instream water quality standards will be maintained and the water use designations will not be further degraded.
- b) Perform all required water quality modeling and/or analysis of biological survey data and provide documentation of the same and
- c) Analyze the results of the effluent biomonitoring to indicate toxicity in the effluent.

- L. Final permit limitations based on preliminary or approved waste load allocations or Comprehensive Water Quality Reports are subject to change based on modifications to or finalization of the allocation or report or changes to Water Quality Standards. Monitoring requirements and/or special conditions of this permit are subject to change based on regulatory or policy changes.

- M. The plant must be staffed and operated in accordance with the Ohio EPA approved Operation and Maintenance Manual.

PART II, OTHER REQUIREMENTS

- A. The wastewater treatment works must be under supervision of a State certified operator as required by Rule 3745-7-02 of the Ohio Administrative Code for a Class IV Operator.
- B. Description of the location of the required sampling stations are as follows:

<u>Sampling Station</u>	<u>Description of Location</u>
2PF00000001	Final effluent at end of chlorination
2PF00000002	Primary, raw bypass after Ditrator building
2PF00000581	Sludge disposal by land application for agronomic purposes
2PF00000582	Sludge disposal at PPG Lime Lakes Reclamation Project
2PF00000583	Sludge disposal by composting
2PF00000586	Sludge disposal by landfilling
2PF00000601	Raw influent
2PF00000603	Swirl effluent
2PF00000801	Upstream
2PF00000901	Downstream

C. DELETE

- D. The treatment works must obtain at least 85 percent removal of biochemical oxygen demand(five-day) and suspended solids (See PART III, 1, B).
- E. The permittee shall monitor the systems internal bypass at Station 2PF00000603 and report to the Ohio EPA in accordance with the following Table:

<u>CHARACTERISTIC</u>		<u>MONITORING REQUIREMENTS</u>	
Reporting		Measurement	
Code	Units	Frequency	Sample Type
00300	mg/l	Dissolved Oxygen	Daily
00400	S.U.	pH	Daily
00310	mg/l	BOD ₅	Daily
00530	mg/l	Suspended Solids	Daily
50050	Million Gallons	Volume	Daily
			Continuous

PART II, OTHER REQUIREMENTS (Cont.)

S. Continued

Notification

The permittee shall notify affected industrial users of program requirements. These notifications shall include, but not necessarily be limited to, notification of effective categorical standards, notification of baseline monitoring requirements, notification of local limitations, notification of RCRA requirements, and notification of noncompliance.

Compliance Schedules

The permittee shall require the development of compliance schedules, as necessary, by each industrial user for the installation and operation of control technologies to meet applicable industrial user discharge limits and other pretreatment requirements.

Publication of Violations

On or prior to April 1st of each year, the permittee shall publish a list of industrial users that have significantly violated the permittee's sewer use ordinance during the previous 12 months in the largest daily newspaper in the area served by the POTW. For the purposes of this provision, a significant violation is a violation which remains uncorrected 45 days after notification of noncompliance, which is part of a pattern of noncompliance over a 12 month period, which involves a failure to accurately report noncompliance, or which resulted in the permittee taking an emergency action against the user.

2. Inventories

Industrial Discharge: General Character and Volume

The permittee shall maintain a current inventory of the general character and volume of wastewaters that industrial users discharge to the treatment works and shall update the industrial users inventory annually and report any changes as part of the annual program effectiveness review required by this permit.

Priority Pollutants and Additional Organic Compounds

The permittee shall conduct an annual inventory of priority pollutants as defined by the U.S. EPA and shall identify and quantify additional organic compounds which occur in the influent, effluent, and sludge. The inventory shall consist of:

Sampling and analysis of influent and effluent

Sampling shall be conducted on a day when industrial discharges are occurring at normal or maximum levels. The samples shall be 24 hour flow proportioned composites, except for volatile organics, which shall be taken by appropriate grab sampling techniques. Analysis for the U.S. EPA organic priority pollutants shall be performed using U.S. EPA methods 624 and 625. Sampling of the influent shall be done prior to the introduction of recycling streams. Sampling of the effluent shall be done prior to chlorination.

- O. The permittee is authorized to discharge from the following portable overflows and bypass locations only during wet weather periods when the flow in the sewer system exceeds the capacity of the sewer system. See PART II, Item G for monitoring and reporting requirements. Also see PART III, Item 11.

<u>Station Number</u>	<u>Description</u>	<u>Receiving Stream</u>
2PF00000068	Lewis an Annabelle	Shantee Creek via storm sewer
2PF00000069	Burnham at Poinsetta	Shantee Creek via storm sewer
2PF00000070	Telegraph at Willamont	Silver Creek via storm sewer
2PF00000071	Willy Parkway at Corbin	Shantee Creek via storm sewer
2PF00000072	Nebraska & Wamba	Williams Ditch via storm sewer
2PF00000073	4400 Block Grantley Rd.	Tifft Ditch via storm sewer
2PF00000074	Barstow at Oakridge	Tifft Ditch via storm sewer
2PF00000075	Quinton at Naomi	Tifft Ditch via storm sewer
2PF00000076	Lynnbrook at Rose Arbor	Graham Ditch via storm sewer
2PF00000077	298th at 131st	Ottawa River via storm sewer
2PF00000078	Hinde at Victory	Williams Ditch via storm sewer
2PF00000079	Golfgate	Gerdes Ditch via storm sewer

- P. Sampling for these parameters at stations 2PF00000001, 2PF00000601, and 2PF00000901 shall occur the same day.
- Q. Sampling at station 2PF00000001 for these parameters shall occur 1 detention time (the time it takes for a volume of water to travel through the treatment plant) after sampling at station 2PF00000601 for the same parameter on the same day.
- R. Sampling at station 2PF00000601 for these parameters shall occur 1 detention time (the time it takes for a volume of water to travel through the treatment plant) prior to sampling at station 2PF00000001 for the same parameter on the same day.
- S. PRETREATMENT PROGRAM REQUIREMENTS

Pursuant to the requirements of 40 CFR 403.8(c) and Section 6111.03(Q)(3), the permittee's Publicly Owned Treatment Works (POTW) pretreatment program approved by the Director, including conditions of such approval, is hereby incorporated by reference as a term and condition of this permit. To ensure that the approved program is operated in accordance with 40 CFR Part 403 and Chapter 6111 of the Revised Code, the permittee shall comply with the following conditions:

1. Control and Enforcement

Enforcement

The permittee shall enforce all pretreatment requirements and pretreatment standards, including, but not necessarily limited to, national categorical pretreatment standards, reporting requirements, and industrial user prohibitions and limitations contained in the permittee's sewer use ordinance and/or supporting documents. The permittee shall require the submission of, receive, and review self-monitoring reports and other notices from industrial users in accordance with the approved pretreatment program and modifications thereof. The permittee shall carry out inspection, surveillance, and monitoring activities which will determine, independent of information supplied by industrial users, whether the industrial users are complying with industrial user limitations and other pretreatment requirements.

PART II, OTHER REQUIREMENTS (Cont.)

S. Continued

Industrial User Violation Report

On or prior to the 15th day of each April, July, October, and January, the permittee shall report the industrial users that are in violation of the permittee's sewer use ordinance. The report shall include a description of corrective actions that have been taken to resolve the violations.

Annual Report

On or prior to May 1st of each year, the permittee shall submit in duplicate, an annual report on the effectiveness of the pretreatment program. Annual report preparation guidance should be obtained from Ohio EPA. The report shall include, but not be limited to, the following components:

- a. A complete industrial user inventory including the local classification and applicable categorical standards;
- b. A description of the monitoring program, including the number of inspections and sampling events conducted at each industrial facility by the POTW, and the number of sampling events conducted and reports submitted by each industrial user;
- c. A description of all upset, pass-through or interference incidents at the POTW, including the reason and the corrective action taken;
- d. A discussion of program effectiveness, including adequacy, accomplishments, problems and recommended program modifications. This shall include a review for consistency with any changes in State and/or Federal pretreatment regulations that have occurred during the year and, if necessary, a pretreatment program modification request to incorporate the changes;
- e. The priority pollutant scan described in Part II, Item 2;
- f. A copy of the annual publication of significant violators.

Program Modifications

Any modification of the approved pretreatment program must be submitted to the Ohio EPA for review, on forms available from Ohio EPA. If the modification is deemed to be substantial, prior approval must be obtained before implementation; otherwise it is considered to be effective 45 days after the date of application. A substantial program modification shall include, but not be limited to, changes to the POTW's legal authority, POTW control mechanism, local limits, pretreatment program resources, POTW confidentiality procedures, a decrease in the frequency of industrial user self-monitoring or reporting, and a decrease in the frequency of industrial user inspections or sampling conducted by the POTW.

PART II, OTHER REQUIREMENTS (Cont.)

S. Continued

Sampling and analysis of sludge sample(s)

Two sludge samples are to be analyzed for priority pollutants using USEPA methods 624-S and 625-S (modified for sludge analysis). Compositing of sludge samples shall be done immediately prior to extraction or any other analysis procedures to be carried out on the sample. The amount of sludge wasted on the day of sampling is to be reported. The samples shall be taken as follows:

- a. One sample shall be representative of sludge in the final clarifier(s). The sample shall be a composite of grab samples taken at a minimum of four (4) different locations in the final clarifier, or of grab samples taken from each clarifier, on the same day as influent and effluent samples.
- b. Another sample shall be a composite of grab samples, representative of sludge removed to final disposal, taken over a period of two (2) weeks when industrial discharges are occurring at normal to maximum levels. At least one (1) grab sample shall be taken each day on which sludge is removed to final disposal.

Sample collection, storage, and analysis shall conform to the procedures recommended by the Ohio EPA. Special sampling and/or preservation techniques will be required for those pollutants which deteriorate rapidly. The Ohio EPA will provide additional guidance on sample collection, storage, and analysis at the permittee's request.

In addition to the priority pollutants, a reasonable attempt shall be made to identify and quantify the ten most abundant constituents of each fraction (excluding priority pollutants and unsubstituted aliphatic compounds) shown to be present by peaks on the total ion plots (reconstructed gas chromatograms) more than ten times higher than the adjacent background noise. Identification shall be attempted through the use of U.S. EPA/NIH computerized library of mass spectra, with visual confirmation by an experienced analyst. Quantification may be based on an order of magnitude estimate based upon comparison with an internal standard.

The annual inventory for priority pollutants and the identification and quantification of additional organic compounds shall be included as part of the annual program review. Results of this inventory shall be reported on Form EPA 4221 (Pri-Form 126).

3. Reporting

All reports required under this section shall be submitted to the following address in duplicate.

Ohio Environmental Protection Agency
Pretreatment Unit
P. O. Box 1049
Columbus, Ohio 43266-0149

PART II, OTHER REQUIREMENTS (Cont.)

- T. Effluent disinfection is not directly required, however, the entity is required to meet all applicable discharge permit limits. If disinfection facilities exist they shall be maintained in an operable condition. Any design of wastewater treatment facilities should provide for the capability to install disinfection if required at a future time. Disinfection may be required if future bacteriological studies or emergency conditions indicate the need.
- U. The chlorine residual limitation is being reevaluated by Ohio EPA. Upon completion of reevaluation a more stringent chlorine residual limitation may be required and this permit may be modified to incorporate the revised limitation.
- V. Multiple grab samples shall be comprised of at least 3 grab samples collected at not less than 3 hour intervals during the period that the plant is staffed on each day for sampling. Samples shall be collected at such times and locations, and in such fashion, as to be representative of the facilities overall performance. The critical value shall be reported.
- W. POTWs that accept hazardous wastes by truck, rail or dedicated pipeline are considered to be hazardous waste treatment, storage, and disposal facilities (TSDFs) and are subject to regulation under the Resource Conservation and Recovery Act (RCRA). Under the "permit by rule" regulation found at 40 CFR 270.60(c), a POTW must 1) comply with all conditions of its NPDES permit, 2) obtain a RCRA ID number and comply with certain manifest and reporting requirements under RCRA, 3) satisfy corrective action requirements, and 4) meet all Federal, State and local retreatment requirements.
- X. Within four months of the effective date of this modification, the permittee shall submit to the Northwest District Office of the Ohio EPA an evaluation of its Sludge Management Plan. This evaluation shall examine the adequacy of the plan, including any implementation problems encountered and any changes required and is to reflect the actual sludge disposal practices. If significant changes are required the permittee may be required to submit for approval a modified Sludge Management Plan.
- Y. Not later than January 31 of each calendar year the permittee shall submit two (2) copies of a report summarizing the sludge disposal and/or reuse activities of the facility during the previous year. One copy of the report shall be sent to the Ohio EPA, Division of Water Pollution Control, Central Office and one copy of the report shall be sent to the Northwest District Office of the Ohio EPA. This report shall address:
1. Amount of sludge disposed of/reused in dry tons.
 2. Method(s) of disposal/reuse.
 3. Summary of all analyses made on the sludge, including any priority pollutant scans that may have been performed. (If a priority pollutant scan has been conducted as a part of the pretreatment program, the most recent analysis should be submitted.)
 4. Problems encountered including any complaints received. The cause or reason for the problem and corrective actions taken to solve the problem should also be included. Any incidents of interference with the method of sludge disposal shall be identified along with cause of interference (i.e. excessive metals concentration, contaminated sludge, etc.) and the corrective actions taken.

II. OTHER REQUIREMENTS (Cont.)

BIOMONITORING PROGRAM

As soon as possible but not later than three months after the effective date of this permit, the entity shall initiate an effluent biomonitoring program to determine the toxicity of effluent from outfall 2PF00000001.

Testing Requirements:

1. Chronic Bioassays:

The entity shall conduct quarterly 7-day Ceriodaphnia Survival and Reproduction Tests and 7-day fathead minnow (Pimephales promelas) Larval Survival and Growth Tests for a period of one year. Twenty-four hour composite samples of the final effluent from outfall 2PF00000001 shall be collected during three separate 24 hour compositing periods; these samples will be used for daily renewal of the test solutions. The maximum holding time allowed between collection of a 24 hour composite sample and use for the first renewal of test solutions is 36 hours. The first sample should be collected to initiate the test (Day 0) and to renew the test solutions at 24 hours (Day 1). The second sample should be collected to renew test solutions at 48 hours (Day 2) and 72 hours (Day 3). The third sample should be collected to renew test solutions at 96 hours (Day 4), 120 hours (Day 5) and 144 hours (Day 6). In addition, grab samples collected in the Maumee River will be tested to evaluate near and far field toxicity. See item 4 under testing protocol for specifics on sampling locales. Endpoints to determine acute toxicity effects shall be recorded after every 24 hour period for Ceriodaphnia and fathead minnow (Pimephales promelas).

2. Acute Bioassays:

The entity shall conduct monthly 48-hour acute bioassays using Ceriodaphnia and 96-hour acute bioassays using the fathead minnow (Pimephales promelas) for a period of one year, except that a separate acute test is not required during the months chronic tests are conducted because acute endpoints are determined during the chronic tests. The tests shall be conducted using 24-hour composite samples of final effluent from outfall 2PF00000001. In addition, an instream grab sample will be tested to determine near field toxicity. See Item 4 under testing protocol for specifics on sampling locales.

3. Chemical Analysis:

For acute tests a sufficient volume of effluent shall be collected to allow for chemical analysis. For chronic tests a sufficient volume of effluent shall be collected during each of the three compositing periods so aliquots can be held for chemical analysis. Chemical analysis should be conducted if acute effects result from a sample. If no acute effects are seen in the bioassay only the third aliquot needs to be analyzed for chemical parameters. Bioassay effluent sampling may be coordinated with other permit sampling requirements as appropriate to avoid duplication. The analyses detailed in the Final Effluent Limitations and Monitoring Requirements tables should be conducted for the effluent sample. In addition alkalinity and hardness (as CaCO_3) should also be measured. Chemical analyses must comply with Ohio EPA accepted procedures.

PART II, OTHER REQUIREMENTS (Cont.)

Z. Continued

Testing Protocol:

1. The test shall be conducted using procedures contained in the Ohio EPA Quality Assurance Manual (or current revisions). Any request to use a different methodology must be approved by the OEPA prior to the initiation of testing.
2. The permittee shall determine a median lethal concentration (LC₅₀) and/or median effective concentration (EC₅₀) for acute and chronic effects, and a lowest observed effect concentration (LOEC) and a no observed effect concentration (NOEC) for chronic bioassays for each test species.
3. A minimum of 5 effluent concentrations (eg. 100, 80, 60, 40, and 20 percent by volume effluent)^a shall be used in each effluent bioassay. Dilution and primary control water shall be collected as a grab sample at Station 2PF00000801 (a site upstream from the outfall outside the zone of effluent and receiving water interaction). Reconstituted water, rearing unit water (water in which the test organisms were reared) or other high quality water shall be used as a second control water. If the primary control and dilution water from Station 2PF00000801 is demonstrated to contain unacceptable toxicity in a test, then the secondary control shall be used as the diluent in succeeding tests until water from Station 2PF00000801 is shown to be acceptable for use as a diluent in three successive bioassays where it has been tested at full-strength (i.e. no dilutions). An acute test shall be repeated if mortality, or combination of mortality plus other adverse effects, exceeds ten percent of one of the species of test organisms in both control waters (primary and secondary). A chronic test shall be repeated if, in both control waters (primary and secondary), mortality, or combination of mortality plus other adverse effects, exceeds 20 percent of one of the species of test organisms, or Ceriodaphnia mean young production is less than 15, or there is less than a three-fold weight increase in the fish larval growth test.
4. Testing of ambient water shall be conducted as follows. In conjunction with the chronic tests of the effluent, an instream grab sample shall be collected at Station 2PF00000903 (a point located midplume or if a plume no longer exists midstream 100 meters (328 feet) downstream from outfall 2PF00000001) to determine chronic effects. In conjunction with the acute and chronic tests of the effluent, an instream grab sample shall be collected at Station 2PF00000902 (a point located within the effluent plume 25 meters (82 feet) downstream from the outfall 2PF00000001). The location of the effluent plume should be confirmed at the time of sampling using temperature measurements, conductivity measurements or a dye study. A detailed mixing zone study can be used to justify an alternative far field sample location upon prior approval by the Ohio EPA. Bioassays of these instream samples will determine if near or far field toxicity is occurring.

^a This series of dilution is suggested to bracket the 1.8 TUC more adequately than other series.

PART II, OTHER REQUIREMENTS (Cont.)

Z. Continued

Reporting:

All bioassay results shall be submitted in duplicate to the Ohio EPA Central Office no later than 60 days following the sampling date. One copy shall be routed to the Division of Water Pollution Control - Permits Section and one copy shall be routed to the Division of Water Quality Planning and Assessment - Water Quality Appraisal Group.

Results to be reported for acute endpoints include:

1. Name of testing laboratory.
2. Effluent tested and source.
3. Receiving water used.
4. Date and times of sample collection.
5. Collector(s) name(s).
6. Type of bioassay.
7. Test organisms used.
8. Test organisms origin and acclimation process.
9. Number of organisms per container and per concentration.
10. Test containers size, number per concentration, and depth of test solution.
11. Concentrations tested and volume.
12. Test temperature.
13. Results of chemical analyses.
14. Results of physiochemical measurements taken.
15. Definition of adverse effects measured in the test (endpoints).
16. Number of organisms in each concentration showing the adverse effects at specified times.
17. Median lethal concentrations and/or the median effective concentrations at 24, 48, 72 and 96 hours, and confidence limits, and methods used for these calculations.
18. The 7-day flow with a 10-year recurrence interval (Q₇₁₀) of the receiving water.

PART II, OTHER REQUIREMENTS (Cont.)

Z. Continued

- 3) a review of the test procedures for adequacy,
- 4) evaluation of the normality of process and treatment plant operations at the time of sampling, and
- 5) evaluation of ambient toxicity data.

The acute toxicity unit (TU_a) is defined as 100 divided by the LC50 for the most sensitive test species:

$$TU_a = \frac{100}{LC50}$$

When acute mortality is less than 50% in 100% effluent TU_a s are defined as:

<u>TU_a</u>	<u>% Mortality</u>
0.8	40
0.6	30
0.4	20

The chronic toxicity unit (TU_c) is defined as 100 divided by the geometric mean of the no observed effect concentration (NOEC) and the lowest observed effect concentration (LOEC)

$$TU_c = \frac{100}{\text{geometric mean of the NOEC} + \text{LOEC}}$$

The permittee shall receive written notification from the Ohio EPA if a TRE or other remedial plans are required. The permittee shall initiate the TRE program or submit the remedial plans within two months of such notification by Ohio EPA. The purpose of a TRE program is to identify sources of acute toxicity, develop recommendations to reduce acute and chronic toxicity, and implement those recommendations that the permittee believes will enable it to achieve compliance with final effluent limitations of $0.6 TU_a$ and $1.8 TU_c$. If a TRE or remedial action is required it shall be completed within three years of the date of written notification from the Ohio EPA. Once the TRE begins, the permittee shall submit quarterly reports to the Ohio EPA on its progress towards achieving final effluent limitations for acute and chronic toxicity. The permittee shall include in the quarterly reports any biomonitoring results that have been obtained as a result of the TRE. After the TRE is completed, the permittee shall conduct quarterly acute bioassays and semi-annual chronic bioassays in accordance with test procedures and data collection and reporting requirements outlined previously in this section. If acute toxicity is below $0.6 TU_a$, but chronic toxicity is above $1.8 TU_c$, remedial action to meet the final effluent limit of $1.8 TU_c$ shall be required based upon professional judgment and decision criteria 2-5 outlined above for the TRE trigger.

PART II, OTHER REQUIREMENTS (Cont.)

Z. Continued

19. Exact details on the near field sample location in relation to the outfall and effluent plume location along with the results from the temperature, conductivity or dye study used to confirm the effluent plume. If conducted, results of the detailed mixing zone study shall be provided.

20. Any other relevant information.

Results to be reported for chronic bioassays include the above results for acute bioassays and:

1. All raw data obtained in the bioassays concerning test organism survival, growth of fathead minnow larvae, and reproduction of Ceriodaphnia. The raw data shall be in tabular form according to date and effluent concentrations and/or receiving water locations.
2. Median lethal concentrations and/or the median effective concentrations for each day of the chronic bioassays.
3. Effluent concentrations or receiving water locations which result in significantly reduced growth of fathead minnow larvae and reproduction of Ceriodaphnia.
4. The median effective concentrations that cause reductions in fathead minnow growth and daphnid reproduction.
5. Average daily discharge of the effluent(s) of concern and the receiving water during the bioassay sampling.
6. The 30-day flow with a 10-year recurrence interval (Q_{3010}) of the receiving water.
7. Exact details on the far field sample location in relation to the outfall and effluent plume location along with the results from the temperature, conductivity or dye study used to confirm the effluent plume. If conducted, results of the detailed mixing zone study shall be provided.

Data Review:

Following completion of each monthly bioassay requirements, the entity shall forward the results to Ohio EPA. Ohio EPA personnel will determine if a toxicity reduction evaluation (TRE) will be required of the permittee. A decision to require a TRE will be based upon professional judgment and the following decision criteria:

- 1) two or more tests exceed the acute allowable effluent toxicity (AET) of $0.6 TU_a$ in the undiluted outfall 2PF00000001 effluent,
- 2) two or more tests exceed the chronic AET of $1.8 TU_c$ in the undiluted outfall 2PF00000001 effluent,

National Pollutant Discharge Elimination System (NPDES) Permit Program

FACT SHEET

Regarding a Modification to the NPDES Permit to Discharge to
Waters of the State of Ohio for the
Toledo, Bay View Wastewater Treatment Plant

Public Notice No.: 90-03-017M
Public Notice Date: March 8, 1990
Comment Period Ends: April 9, 1990

OEPA Permit No.: 2PFO0000*HD
Application No.: OH0027740

Name and Address of Applicant:

City of Toledo
525 North Erie Street
Toledo, Ohio 43624

Name and Address of Facility where
Discharge occurs:

City of Toledo
Bay View Wastewater Treatment Plant
Bayview Park
Toledo, Ohio 43611

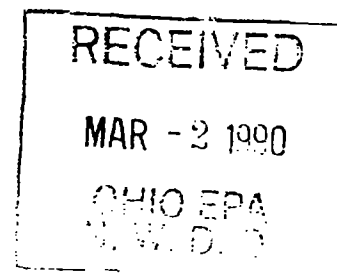
Receiving water: Maumee River

Subsequent Stream Network: Maumee Bay/
Toledo Harbor
Lake Erie

Introduction

Development of a Fact Sheet for NPDES permits is mandated by Title 40 of the Code of Federal Regulations, Sections 124.8 and 124.56. This document fulfills the requirements established in those regulations by providing the information necessary to inform the public of actions proposed by the Ohio Environmental Protection Agency, as well as the methods by which the public can participate in the process of finalizing those actions.

This Fact Sheet is prepared in order to document the technical basis and risk management decisions that are considered in the determination of water quality based NPDES Permit effluent limitations. The technical basis for the Fact Sheet may consist of evaluations of promulgated effluent guidelines, existing effluent quality (EEQ), instream biological, chemical and physical conditions, and the relative risk of alternative effluent limitations. This Fact Sheet details the discretionary decision-making process empowered to the Director by the Clean Water Act and Ohio Water Pollution Control Law (ORC 6111). Decisions to award variances to Water Quality Standards or promulgated effluent guidelines for economic or technological reasons will also be justified in the Fact Sheet where necessary.



OHIO ENVIRONMENTAL PROTECTION AGENCY
MODIFICATION OF NATIONAL POLLUTANT DISCHARGE
ELIMINATION SYSTEM (NPDES) PERMIT

RECEIVED

ISSUE DATE: March 1, 1990

EXISTING PERMIT NO: 2PF00000*GD

EFFECTIVE DATE: April 10, 1990

APPLICATION NO: OH0027740

MAR - 2 1990

ENTITY NAME: City of Toledo

OHIO EPA
N. W. D. O.

FACILITY LOCATION: Bayview Park, Toledo, Ohio

In accordance with Rule 3745-33-06 of the Ohio Administrative Code (formerly Ohio EPA Regulation EP-31-06), the above referenced NPDES permit is hereby modified as follows:

Page

Revision

- MM2 Revised introductory paragraph language reference to the Schedule of Compliance. Revised sampling type for temperature. Deleted effluent limitations and monitoring requirements for 5 day BOD. Revised discharge limitations for suspended solids. Added discharge limitations for Oil and Grease and 5 day CBOD, and revised measuring frequency for Oil and Grease. Revised monitoring frequency, sample type and reporting requirements for pH, Chlorine Residual, and Dissolved Oxygen. Added footnote ** referencing Part II, Item U - reevaluation of the chlorine residual limitation.
- MM3 Revised introductory paragraph language reference to the Schedule of Compliance. Revised discharge limitation heading from 7 day to Daily Maximum. Added monitoring requirements for TKN(N), Nitrate and Nitrite, Total Cyanide, Total Chromium, and Total Silver. Deleted monitoring requirements for Nitrate, Nitrite, Hexavalent Chromium, Trivalent Chromium and Free Cyanide. Revised discharge limitations and monitoring requirements for Total Cadmium, Total Copper, Total Lead, Total Nickel, Total Zinc, Total Phenolic and Total Mercury. Added effluent limitations and monitoring requirements for Dissolved Hexavalent Chromium. Revised * footnote. Deleted ** footnote. Deleted Item 2, reference to Part II, Other Requirements. Added footnote (2).
- M4 Revised introductory paragraph. Deleted BOD₅ monitoring requirements. Added CBOD₅ and Oil and Grease effluent limitations. Revised monitoring frequencies for Chlorine Residual, Dissolved Oxygen and pH. Added footnote referenced to Chlorine Residual.
- MM5 Revised introductory paragraph. Revised heavy metals effluent limitations and monitoring frequencies. Changed discharge limitations heading from 7-day to daily maximum. Added TKN(N) and Total Chromium monitoring. Added monitoring requirements and effluent limitations for Total Silver. Deleted Trivalent and Hexavalent Chromium monitoring. Added effluent limitations and monitoring requirements for Dissolved Hexavalent Chromium. Deleted monitoring requirements for Free Cyanide.
- MM6 Deleted monitoring requirements for BOD₅ and pH (average). Added monitoring requirements for CBOD₅, pH (maximum), pH (minimum), TKN(N), Dissolved Hexavalent Chromium, Silver and Toluene.

Application No.: OH0027740

OEPA Permit No.: 2PFO00000*HD

Public Notice No.: 90-03-017M

on sludge disposal and/or reuse; and the definition of multiple grab sample have been added on page 15d. Requirements for Biomonitoring have been added on pages 15e through 15i. Basic permit was the subject of Public Notice Number 85-09-027.

The following statements apply to the modification.

On the basis of preliminary staff review and application of standards and regulations, the Director of the Ohio Environmental Protection Agency has issued a proposed modification for the aforementioned discharge subject to certain effluent conditions and special conditions. The proposed modification is tentative but shall become final on the effective date unless (1) an adjudication hearing is requested, (2) the Director withdraws and revises the proposed modification after consideration of the record of a public meeting, written comments or statements or (3) upon disapproval by the Administrator of the U.S. Environmental Protection Agency.

Within thirty (30) days of publication of this notice any person may submit written comments, a statement as to why the proposed modification should be changed, a request for a public meeting on the proposed modification and/or a request for notice of further actions concerning the modification. All communications timely received will be considered in the final formulation of the modification. If significant public interest is shown a public meeting will be held prior to finalization of the modification.

Within thirty (30) days of the issuance of the proposed modification any officer of an agency of the state or of a political subdivision, acting in his representative capacity or any person aggrieved or adversely affected by issuance of it may request an adjudication hearing by submitting a written objection in accordance with Ohio Revised Code Section 3745.07. Following the finalization of the modification by the Director, any person who was a party to an adjudication hearing may appeal to the Environmental Board of Review.

All comments or statements on the proposed modification and all requests for notice of further actions should be submitted in person or by mail to: Permits Section, Ohio Environmental Protection Agency, P. O. Box 1049, 1800 WaterMark Drive, Columbus, Ohio 43266-0149. Applications, fact sheets, proposed permits including proposed effluent limitations, special conditions, comments received and other documents are available for inspection and may be copied at a cost of 20 cents per page at the Ohio Environmental Protection Agency at the above address any time between the hours of 8:00 a.m. and 4:30 p.m., Monday through Friday. Copies of public notices are available at no charge at the same address.

Requests for, and communications concerning adjudication hearings and public meetings should be addressed to: Legal Records Section, Ohio Environmental Protection Agency, P. O. Box 1049, 1800 WaterMark Drive, Columbus, Ohio 43266-0149, (614) 644-2115.

All communications should specify the OEPA permit number and public notice number.

Mailing lists are maintained for persons or groups who desire to receive public notice of proposed and final actions taken on applications for dischargers located in the state or in certain geographical areas. Persons or groups may have their names put on such a list by making a written request to the Permits Section. Persons or groups may also request copies of fact sheets, applications or other documents pertaining to a specific application.

OHIO ENVIRONMENTAL PROTECTION AGENCY
MODIFICATION OF NATIONAL POLLUTANT DISCHARGE
ELIMINATION SYSTEM (NPDES) PERMIT (Cont.)

- M7 Deleted monitoring requirements for Trivalent Chromium, Hexavalent Chromium and Cyanide (Free). Added monitoring requirements for Total Chromium, Toluene, Silver, Cyanide (Total), Zinc, Hardness, Cadmium, Copper, Lead, Dissolved Hexavalent Chromium and Nickel. Revised ** footnote; eliminating reference to upstream only and substituting reference to Part II, Item P - requirements for same day sampling.
- M8 Revised monitoring frequencies and sampling requirements for Ammonia Nitrogen and metals. Added TKN(N) monitoring requirements. Revised footnote language for both footnotes * and **. Added footnotes referencing Part II, Item X - requirement for evaluation of sludge management plan; and Part II, Item Y - requirements for reporting sludge disposal and/or reuse.
- 8a Added sludge monitoring requirements for sludge disposed of at PPG Lime Lakes Reclamation Project. Added footnote referencing Part II, Items X and Y.
- 8b Added sludge monitoring requirements for sludge disposed of by composting. Added footnote referencing Part II, Items X and Y.
- 8c Added sludge monitoring requirements for sludge disposed of by landfilling. Added footnote referencing Part II, Items X and Y.
- MM10 Deleted Schedule of Compliance for construction.
- 10a Added new Schedule of Compliance including Option 1 - schedule for meeting metals limits.
- 10b Continuation of new Schedule of Compliance including Option 2 - schedule for providing alternative justification.
- M11 Added to Part II, Item B station identifiers and location descriptions for sludge monitoring stations 2PF00000582, 2PF00000583 and 2PF00000586. Deleted Part II, Item C - requirements for submittal of discharge monitoring reports.
- M13 Deleted language in Part II, Item K - regarding incorporation of Pretreatment Program. Substituted new requirement regarding Alternative Justification under this item. Replaced the language under Part II, Item L with current language.
- MM15 Revised Item P to include station 2PF00000901. Revised language in Items Q and R to indicate that sampling is for more than one parameter.
- MM15-MM15c Replaced Part II, Item S - Pretreatment Requirements with new language.

PART I, A, 1 - INTERIM EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

- During the period beginning on the effective date of this permit modification and lasting until the date that the improved wastewater treatment works are to attain operational level as specified in Item 2 in the Schedule of Compliance, the permittee is authorized to discharge in accordance with the following limitations and monitoring requirements from outfall: 2PFO0000001. See PART II, OTHER REQUIREMENTS, for locations of effluent sampling.

EFFLUENT CHARACTERISTIC			DISCHARGE LIMITATIONS				MONITORING REQUIREMENTS	
Reporting Code	UNITS	PARAMETER	Concentration		Loading*		Meas. Freq.	Sample Type
			Other Units	(Specify)	kg/day			
			30 day	7 day	30 day	7 day		
00010	°C	Temperature	-	-	-	-	Daily	Continuous (Max. Ind. Therm.)
00310	mg/l	DELETE						
00530	mg/l	Suspended Solids	25	40	12,321	19,713	Daily	Composite
00550	mg/l	Oil & Grease	Not to exceed 10 at any time				2/Week	Grab
00610	mg/l	Ammonia (N)	-	-	-	-	Daily	Composite
00665	mg/l	Phos., Total	1.0	1.5	493	740	Daily	Composite
31616	Count /100ml	Fecal Coliform (Apr. - Oct.)	1000	2000	-	-	Daily	Grab
50050	MGD	Flow	-	-	-	-	Daily	Continuous
80082	mg/l	CBOD ₅	25	40	12,321	19,713	Daily	Composite

- The pH (Reporting Code 00400) shall not be less than 6.5 S.U. nor greater than 9.0 S.U. and shall be monitored continuously with the critical values (high and low) reported daily.
- If the entity uses chlorine for disinfection, the Chlorine Residual (Reporting Code 50060) shall be maintained at a level not to exceed 0.5 mg/l and shall be monitored daily by multiple grab sample. (Apr.-Oct.)*
The highest value is to be reported.
- The Dissolved Oxygen (Reporting Code 00300) shall be monitored continuously with the lowest value being reported daily.

* The average effluent loading limitations are established using the following flow value: 130 MGD

** See Part II, Item U

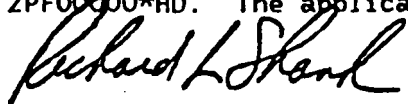
OHIO ENVIRONMENTAL PROTECTION AGENCY
MODIFICATION OF NATIONAL POLLUTANT DISCHARGE
ELIMINATION SYSTEM (NPDES) PERMIT (Cont.)

- 15d Added the following items to Part II: Item T - requirement for effluent disinfection; Item U - reevaluation of the chlorine residual limitation; Item V - definition of multiple grab sample; Item W - requirements for POTW's that accept hazardous wastes; Item X - requirement for submittal of evaluation of sludge management plan; and Item Y - requirement for submittal of reports on sludge disposal and/or reuse.
- 15e-15i Added the following items to Part II: Item Z - requirements for Biomonitoring programs.

Attached are the modified pages to the NPDES permit.

All terms and conditions of the existing permit not recommended for modification by this document will remain in effect. Any modified term or condition contained in this modification shall supersede, on the date this modification is effective, the existing respective term or condition of the permit.

When the modification is effective, the OEPA permit number will be changed to 2PF00000*HD. The application number will remain OH0027740.



Richard L. Shank, pH.D.
Director

3691P

PART I, A, 2 - FINAL EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

- During the period beginning on the date that the improved wastewater treatment works are to attain operational level as specified in Item 2 in the Schedule of Compliance and lasting until the expiration date, the permittee is authorized to discharge in accordance with the following limitations and monitoring requirements from the following outfall: 2PFO0000001. SEE PART II, OTHER REQUIREMENTS, for location of effluent sampling.

<u>EFFLUENT CHARACTERISTIC</u>		<u>DISCHARGE LIMITATIONS</u>				<u>MONITORING REQUIREMENTS</u>	
Reporting Code	UNITS PARAMETER	Concentration		Loading*		Meas. Freq.	Sample Type
		Other Units	(Specify)	kg/day			
		30 day	7 day	30 day	7 day		
00010 °C	Temperature	-	-	-	-	Daily	Continuous (Max. Ind. Therm.)
00310 mg/l	DELETE						
00530 mg/l	Suspended Solids	25	40	12,321	19,713	Daily	Composite
00550 mg/l	Oil & Grease	Not to exceed 10.0 at any time				2/Week	Grab
00610 mg/l	Ammonia (N)	-	-	-	-	Daily	Composite
00665 mg/l	Phos., Total	1.0	1.5	493	740	Daily	Composite
31616 Count	Fecal Coliform						
	/100ml (Apr.-Oct.)	1000	2000	-	-	Daily	Grab
50050 MGD	Flow	-	-	-	-	Daily	Continuous
80082 mg/l	CBOD ₅	25	40	12,321	19,713	Daily	Composite

- The pH (Reporting Code 00400) shall not be less than 6.5 S.U. nor greater than 9.0 S.U. and shall be monitored continuously with the critical values (high and low) reported daily.
- If the entity uses chlorine for disinfection, the Chlorine Residual (Reporting Code 50060) shall be maintained at a level not to exceed 0.5 mg/l and shall be monitored daily by multiple grab sample. (April-October). The highest value shall be reported.**
- The Dissolved Oxygen (Reporting Code 00300) shall be monitored continuously, with the lowest value being reported daily.

* The average effluent loading limitations are established using the following flow value: 130 MGD

** See Part II, Item U.

PART I, A, 1 - INTERIM EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS (Cont.)

1. During the period beginning on the effective date of this permit modification and lasting until the date that the improved wastewater treatment works are to attain operational level as specified in Item 2 in the Schedule of Compliance, the permittee is authorized to discharge in accordance with the following limitations and monitoring requirements from outfall: 2PF00000001. See PART II, OTHER REQUIREMENTS, for locations of effluent sampling.

<u>EFFLUENT CHARACTERISTIC</u>			<u>DISCHARGE LIMITATIONS</u>				<u>MONITORING REQUIREMENTS</u>	
Reporting Code	UNITS	PARAMETER	Concentration		Loading*		Meas. Freq.	Sample Type
			Other Units	(Specify)	kg/day			
			30 day	Daily Max.	30 day	Daily Max.		
00335	mg/l	COD	-	-	-	-	Daily	Composite
00615	mg/l	DELETE						
00620	mg/l	DELETE						
00625	mg/l	Kjeldahl, TKN(N)	-	-	-	-	1/Week	Composite
00630	mg/l	Nitrate (N) + Nitrite (N)	-	-	-	-	Daily	Composite
00720	mg/l	Cyanide, Total	-	-	-	-	1/Week	Grab(2)
00722	mg/l	DELETE						
01027	ug/l	Cadmium, Total	1.9	2.9	0.93	1.43	1/Week	Composite(1)
01032	ug/l	DELETE						
01033	ug/l	DELETE						
01034	ug/l	Chromium, Total	-	-	-	-	1/Week	Composite(1)
01042	ug/l	Copper, Total	34	51	17	25	1/Week	Composite
01051	ug/l	Lead, Total	-	50	-	25	1/Week	Composite(1)
01067	ug/l	Nickel, Total	385	550	189	271	1/Week	Composite(1)
01077	ug/l	Silver, Total	-	-	-	-	1/Week	Composite(1)
01092	ug/l	Zinc, Total	207	300	102	148	1/Week	Composite(1)
01220	ug/l	Chromium (Hex), Dissolved	18	27	9	13	1/Week	Grab(2)
32730	ug/l	Phenolic, Total	-	16	-	7.9	1/Week	Grab(2)
71900	ug/l	Mercury, Total	0.2	0.3	0.10	0.15	1/Week	Composite(1)

* The average effluent loading limitations are established using the following fl value: 130 MGD

(1) See Part II, Item P

(2) See Part II, Item Q

PART I, A. - FINAL EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS (Cont.)

1. During the period beginning on the date that the improved wastewater treatment works are to attain operational level as specified in Item 2 in the Schedule of Compliance and lasting until the expiration date, the permittee is authorized to discharge in accordance with the following limitations and monitoring requirements from the following outfall:
2PFO0000001. SEE PART II, OTHER REQUIREMENTS, for location of effluent sampling.

<u>EFFLUENT CHARACTERISTIC</u>		<u>DISCHARGE LIMITATIONS</u>				<u>MONITORING REQUIREMENTS</u>	
Reporting Code	UNITS PARAMETER	Concentration		Loading*		Meas. Freq.	Sample Type
		Other Units (Specify)		kg/day			
		30 day	Daily Max.	30 day	Daily Max.		
00335 mg/l	COD	-	-	-	-	Daily	Composite
00615 mg/l	DELETE						
00620 mg/l	DELETE						
00625 mg/l	Kjeldahl, TKN(N)	-	-	-	-	1/Week	Composite
00630 mg/l	Nitrate (N) + Nitrite (N)	-	-	-	-	Daily	Composite
00720 mg/l	Cyanide, Total	-	-	-	-	1/Week	Grab(2)
00722 mg/l	DELETE						
01027 ug/l	Cadmium, Total	1.9	2.9	0.93	1.43	1/Week	Composite(1)
01032 ug/l	DELETE						
01033 ug/l	DELETE						
01034 ug/l	Chromium, Total	-	-	-	-	1/Week	Composite(1)
01042 ug/l	Copper, Total	12	18	5.9	8.9	1/Week	Composite(1)
01051 ug/l	Lead, Total	-	50	-	25	1/Week	Composite(1)
01067 ug/l	Nickel, Total	385	550	189	271	1/Week	Composite(1)
01077 ug/l	Silver, Total	1.3	2.0	0.64	0.98	1/Week	Composite(1)
01092 ug/l	Zinc, Total	207	300	102	148	1/Week	Composite(1)
01220 ug/l	Chromium (Hex), Dissolved	18	27	9	13	1/Week	Grab(2)
32730 ug/l	Phenolic 4AAP, Total	-	16	-	7.9	1/Week	Grab(2)
71900 ug/l	Mercury, Total	0.2	0.3	0.10	0.15	1/Week	Composite(1)

* The average effluent loading limitations are established using the following flow value: 130 MGD

** DELETE

(1) See PART II, Item P

(2) See PART II, Item Q

PART I, B. - ADDITIONAL MONITORING REQUIREMENTS

Influent Monitoring. The permittee shall monitor the treatment work's influent wastewater at Station Number 2PF00000601 and report to the Ohio EPA in accordance with the following table. Samples of influent used for determination of net values or percent removal must be taken the same day as those samples of effluent used for that determination. See PART II, OTHER REQUIREMENTS, for location of influent sampling.

<u>CHARACTERISTIC</u>			<u>MONITORING REQUIREMENTS</u>	
Reporting			Measurement	
Code	Units	Parameter	Frequency	Sample Type
00010	°C	Temperature	Daily	Max. Ind. Therm.
00310	mg/l	DELETE		
00400	S.U.	DELETE		
00401	1 S.U.	pH (maximum)	Daily	Continuous
00402	S.U.	pH (minimum)	Daily	Continuous
00530	mg/l	Suspended Solids	Daily	Composite*
00625	mg/l	Kjeldahl, TKN(N)	1/Week	Composite*
00700	mg/l	Cyanide, Total	1/Month	Grab(2)
01027	ug/l	Cadmium, Total	1/Month	Composite*(1)
01034	ug/l	Chromium, Total	1/Month	Composite*(1)
01042	ug/l	Copper, Total	1/Month	Composite*(1)
01050	ug/l	Lead, Total	1/Month	Composite*(1)
01067	ug/l	Nickel, Total	1/Month	Composite*(1)
01077	ug/l	Silver, Total	1/Month	Composite*(1)
01092	ug/l	Zinc, Total	1/Month	Composite*(1)
01220	ug/l	Chromium (Hex), Dissolved	1/Month	Grab(2)
32730	ug/l	Phenolic 4AAP, Total	1/Month	Grab(2)
34010	ug/l	Toluene, Total	1/Month	Grab*(2)
71900	ug/l	Mercury, Total	1/Month	Composite*(1)
30082	mg/l	CBOD ₅	Daily	Composite*

influent monitoring shall be conducted at the east and west influent sewers.

(1) See PART II, Item P

(2) See PART II, Item R

PART I, B. - ADDITIONAL MONITORING REQUIREMENTS (Cont.)

3. Sludge. The permittee shall monitor the treatment work's final sludge at Station Number 2PF00000581 and report to the Ohio EPA in accordance with the following Table. See PART II, OTHER REQUIREMENTS, for location of Sludge Sampling.

<u>CHARACTERISTIC</u> Reporting			<u>MONITORING REQUIREMENTS**</u>	
Code	Units	Parameter	Measurement Frequency	Sample Type
00400	S.U.	DELETE		
00611	mg/kg	Nitrogen, Ammonia	1/Week	Composite
00627	mg/kg	Nitrogen, Kjeldahl	1/Week	Composite
01028	mg/kg	Cadmium	1/Week	Composite
01029	mg/kg	Chromium	1/Week	Composite
01043	mg/kg	Copper	1/Week	Composite
01052	mg/kg	Lead	1/Week	Composite
01068	mg/kg	Nickel	1/Week	Composite
01093	mg/kg	Zinc	1/Week	Composite
70316	Dry Tons	Sludge Weight*	Daily	Grab
70318	%	Percent Total Solids	Daily	Grab
70322	%	Percent Volatile Solids	Daily	Grab
71921	mg/kg	Mercury	1/Week	Composite

See Part II, OTHER REQUIREMENTS, Items X and Y.

* Calculated total.

** When sludge is removed from the wastewater treatment facility and disposed by land application. When sludge is not removed from the wastewater treatment facility for disposal enter "AH" on the report and explain in the "Additional Remarks" section of the report.

PART I, B. - ADDITIONAL MONITORING REQUIREMENTS (Cont.)

2. Upstream and Downstream. The permittee shall monitor the receiving stream, upstream of the point of discharge at Station Number 2PF00000801, and downstream of the point of discharge at Station Number 2PF00000901, and report to the Ohio EPA in accordance with the following table. See PART II, OTHER REQUIREMENTS for location of sampling.

<u>CHARACTERISTIC</u>			<u>MONITORING REQUIREMENTS</u>	
Reporting Code	Units	Parameter	Measurement Frequency	Sample Type
00010	°C	Temperature (DELETE)	1/Week	Grab
00010	°C	DELETE		
00300	mg/l	Dissolved Oxygen (DELETE)	1/Week	Grab
00300	mg/l	DELETE		
00310	mg/l	BOD ₅ (DELETE)	1/Week	Grab
00310	mg/l	DELETE		
00400	S.U.	pH (DELETE)	1/Week	Grab
00400	S.U.	DELETE		
00530	mg/l	Suspended Solids (DELETE)	1/Week	Grab
00530	mg/l	DELETE		
00720	mg/l	Cyanide, Total*	1/Month	Grab**
00722	mg/l	DELETE		
00900	mg/l	Hardness*	1/Week	Grab
01027	ug/l	Cadmium, Total*	1/Month	Grab**
01032	ug/l	DELETE		
01033	ug/l	DELETE		
01034	ug/l	Chromium, Total*	1/Month	Grab**
01042	ug/l	Copper, Total*	1/Month	Grab**
01051	ug/l	Lead, Total*	1/Month	Grab**
01067	ug/l	Nickel, Total*	1/Month	Grab**
01077	ug/l	Silver, Total*	1/Month	Grab**
01092	ug/l	Zinc, Total*	1/Month	Grab**
01220	ug/l	Chromium (Hex), Dissolved*	1/Month	Grab**
31616	Count /100ml	Fecal Coliforms* (Apr.-Oct.)	1/Week	Grab
32730	ug/l	Phenolic 4AAP, Total	1/Month	Grab**
34010	ug/l	Toluene, Total	1/Month	Grab**
50060	mg/l	Chlorine Residual* (Apr.-Oct.)	1/Week	Grab
71900	ug/l	Mercury, Total*	1/Month	Grab**

* Downstream Only

** See Part II Item P

PART I, B. - ADDITIONAL MONITORING REQUIREMENTS (Cont.)

3. Sludge. The permittee shall monitor the treatment work's final sludge at Station Number 2PF00000582 and report to the Ohio EPA in accordance with the following Table. See PART II, OTHER REQUIREMENTS, for location of Sludge Sampling.

<u>CHARACTERISTIC</u>			<u>MONITORING REQUIREMENTS**</u>	
Reporting Code	Units	Parameter	Measurement Frequency	Sample Type
00611	mg/kg	Nitrogen, Ammonia	1/Week	Composite
00627	mg/kg	Nitrogen, Kjeldahl	1/Week	Composite
01028	mg/kg	Cadmium	1/Week	Composite
01029	mg/kg	Chromium	1/Week	Composite
01043	mg/kg	Copper	1/Week	Composite
01052	mg/kg	Lead	1/Week	Composite
01068	mg/kg	Nickel	1/Week	Composite
01093	mg/kg	Zinc	1/Week	Composite
70316	Dry Tons	Sludge Weight*	Daily	Grab
70318	%	Percent Total Solids	Daily	Grab
70322	%	Percent Volatile Solids	Daily	Grab
71921	mg/kg	Mercury	1/Week	Composite

See Part II, OTHER REQUIREMENTS, Items X and Y.

* Calculated total.

** When sludge is removed from the wastewater treatment facility and disposed of at PPG Lime Lakes Reclamation Project. When sludge is not removed from the wastewater treatment facility for disposal enter "AH" on the report and explain in the "Additional Remarks" section of the report.

PART I, B. - ADDITIONAL MONITORING REQUIREMENTS (Cont.)

3. Sludge. The permittee shall monitor the treatment work's final sludge at Station Number 2PF00000583 and report to the Ohio EPA in accordance with the following Table. See PART II, OTHER REQUIREMENTS, for location of Sludge Sampling.

<u>CHARACTERISTIC</u>			<u>MONITORING REQUIREMENTS**</u>	
Reporting			Measurement	
Code	Units	Parameter	Frequency	Sample Type
00611	mg/kg	Nitrogen, Ammonia	1/Week	Composite
00627	mg/kg	Nitrogen, Kjeldahl	1/Week	Composite
01028	mg/kg	Cadmium	1/Week	Composite
01029	mg/kg	Chromium	1/Week	Composite
01043	mg/kg	Copper	1/Week	Composite
0	mg/kg	Lead	1/Week	Composite
01068	mg/kg	Nickel	1/Week	Composite
01093	mg/kg	Zinc	1/Week	Composite
70316	Dry Tons	Sludge Weight*	Daily	Grab
70318	%	Percent Total Solids	Daily	Grab
70322	%	Percent Volatile Solids	Daily	Grab
71921	mg/kg	Mercury	1/Week	Composite

See Part II, OTHER REQUIREMENTS, Items X and Y.

* Calculated total.

** When sludge is removed from the wastewater treatment facility and disposed of by composting. When sludge is not removed from the wastewater treatment facility for disposal enter "AH" on the report and explain in the "Additional Remarks" section of the report.

PART I, B. - ADDITIONAL MONITORING REQUIREMENTS (Cont.)

3. Sludge. The permittee shall monitor the treatment work's final sludge at Station Number 2PF00000586 and report to the Ohio EPA in accordance with the following Table. See PART II, OTHER REQUIREMENTS, for location of Sludge Sampling.

<u>CHARACTERISTIC</u>			<u>MONITORING REQUIREMENTS**</u>	
Reporting Code	Units	Parameter	Measurement Frequency	Sample Type
70316	Dry Tons	Sludge Weight*	Daily	Grab
70318	%	Percent Total Solids	Daily	Grab
70322	%	Percent Volatile Solids	Daily	Grab

See Part II, OTHER REQUIREMENTS, Items X and Y.

* Calculated total.

** When sludge is removed from the wastewater treatment facility and disposed of by landfilling. When sludge is not removed from the wastewater treatment facility for disposal enter "AH" on the report and explain in the "Additional Remarks" section of the report.

PART I, C. - SCHEDULE OF COMPLIANCE

THIS SCHEDULE OF COMPLIANCE DELETED.

PUBLIC NOTICE

The United States Environmental Protection Agency (U.S. EPA) Region V is hereby giving notice of its intent to issue a Resource Conservation and Recovery Act (RCRA) permit for E.I. DuPont de Nemours and Company (DuPont) to store hazardous waste at 1930 Tremainsville Road, Toledo, Ohio, in accordance with Section 7004 of the RCRA and 40 CFR Section 124.10. U.S. EPA is inviting public comment and giving notice of a public hearing to be held on this application. The permit application, U.S. EPA's draft permit, Statement of Basis and other materials included in the administrative record are available for public review.

The Toledo facility is primarily a manufacturer of paint and allied products. The permit would authorize DuPont to store hazardous waste at their facility which includes a container storage pad 310 feet by 15 feet, with a capacity of 56,000 gallons, and 10 carbon steel tanks with a capacity of 24,000 gallons. Hazardous waste will be stored on site in containers or tanks prior to recovery or recycling or shipped off site for disposal. The primary hazardous wastes generated at DuPont are spent wash solvents. Various other hazardous wastes are also generated on site and are shipped off site for disposal.

The DuPont permit application, U.S. EPA's draft permit and the statement of basis are available for public inspection and copying at the Toledo Lucas County Public Library, 325 Michigan Street, Toledo, Ohio (contact Mr. David Noel, (419) 225-7055). These materials and other supporting documents also are available in the administrative record at U.S. EPA Region V, Waste Management Division, 230 S. Dearborn St., Chicago, Illinois 60604, from 9:00 a.m. to 4:30 p.m. weekdays contact Ms. Ozie Robinson (312) 886-6148).

(OVER)

A public hearing on U.S. EPA's draft permit for DuPont will be held on September 8, 1983, from 7:00 p.m. to 10:00 p.m., at Start High School, 2061 Farragut Street in Toledo, Ohio. Speakers at the hearing are requested to register with U.S. EPA prior to the hearing or at the start of the session, to limit oral presentations to five minutes, and to submit their comments in writing at the time of the hearing. U.S. EPA reserves the right to cancel the hearing if significant public interest is not expressed by August 24. If the hearing is cancelled notice will be published in the Blade and over the broadcast station WLQR.

In addition, written comments on the application and draft permit will be accepted by U.S. EPA until September 12. Comments on the application and draft permit, as well as notification of intent to provide oral comments at the hearing, should be sent to Ms. Ozie Robinson, U.S. EPA Region V, 230 S. Dearborn St., Chicago, Illinois 60604.

After the close of the public comment period, U.S. EPA will evaluate all comments received before issuing a final permit decision. Notification of the final permit decision will be provided to each person who presented oral testimony at the hearing, submitted written comments, or requested notice of the decision. Under 40 CFR Section 124.17, U.S. EPA will respond to all significant comments on the draft permit, specify which provisions of the permit were changed and indicate whether additional documents have been included in the administrative record.

The U.S. EPA response regarding a decision to issue or deny a permit will include a reference to the procedures for appealing the decision (40 CFR Section 124.19). U.S. EPA's procedures for public comment and hearings are found in 40 CFR Sections 124.13.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION V

DATE:

SUBJECT: Attendees of the E. I. DuPont Hearing

FROM: Ozie Robinson
Public Notice Assistant

TO: Administrative Record

This is a list of attendees of the E. I. DuPont Hearing that took place
on September 8, 1983.

Thomas A. Raizmarek

Craig F. Aven

Marcia Michelson

Mary Louise Hermillos

Susan M. Hermiller

C. B. Ogle

Mike Jablouski

Rosanne Deutsch
West Toledo Herald
444 W. Alexis
Toledo, OH 43623
Griff Potter
Ch. 24 (WDHO)

Technical Contact: Judy Kertcher
(312) 353-8512

Media Contact; Robert Hartian
(312) 886-6588

For Immediate Release:

NO.

U.S. EPA INVITES PUBLIC COMMENT AND SCHEDULES PUBLIC HEARING TO RECEIVE
CITIZEN COMMENTS ON AGENCY'S INTENT TO ISSUE RCRA PERMIT TO AN OHIO
PAINT MANUFACTURER

The United States Environmental Protection Agency (U.S. EPA) is considering the issuance of a permit to E.I. DuPont de Nemours and Company (DuPont) in Toledo, Ohio, for storage of certain spent washed solvent materials considered to be hazardous wastes under Federal law. DuPont is primarily a manufacturer of paint and allied products. The Ohio facility's hazardous waste will be stored on site in containers or tanks prior to recovery or recycling or shipped off site for disposal. Various other hazardous wastes are also generated on site and are shipped off site for disposal.

A public hearing on U.S. EPA's proposed permit approval is scheduled for September 8, 1983, from 7:00 p.m. to 10:00 p.m., at the Start High School, 2061 Farragut Street in Toledo, Ohio. Citizens intending to comment are invited to register with the U.S. EPA prior to or at the start of the hearing. Oral comments should be limited to five minutes, and should be submitted in writing as well as at the hearing. Comments will be accepted by the U.S. EPA through September 12, 1983, and should be sent to Ms. Ozie Robinson, U.S. EPA Region V, 230 S. Dearborn St., Chicago, IL. 60604.

(OVER)

Comments will be evaluated before a decision is made on the DuPont permit. Everyone who presents oral testimony at the hearing, submits written comments, or requests notice of the decision will be notified of the final decision.

Interested persons may review DuPont's permit application and the U.S. EPA's draft permit at the following locations:

Toledo Lucas County Public Library
325 Michigan Street
Toledo, Ohio

U.S. EPA Region V
Waste Management Division
230 S. Dearborn Street
Chicago, Illinois

Please call Ms. Ozie Robinson at (312) 886-6148, to arrange to review material at the U.S. EPA's Region V office in Chicago. The material is available weekdays between 9:00 a.m and 4:30 p.m.

#

PUBLIC SERVICE ANNOUNCEMENT

THE UNITED STATES ENVIRONMENTAL PROTECTION AGENCY (U.S. EPA) REGION V (FIVE) WILL HOLD A PUBLIC HEARING ON THURSDAY, SEPTEMBER 8, TO RECEIVE COMMENTS ON A PERMIT TO AUTHORIZE E.I. DUPONT DE NEMOURS AND COMPANY (DUPONT) TO STORE HAZARDOUS WASTE IN TOLEDO, OHIO. THE HEARING WILL BE HELD AT START HIGH SCHOOL AT 2061 FARRAGUT STREET FROM 7:00 P.M TO 10:00 P.M., TOLEDO, OHIO.

THE DRAFT PERMIT SPECIFIES CONDITIONS UNDER WHICH DUPONT WILL STORE HAZARDOUS WASTES. THE TOLEDO FACILITY IS PRIMARILY A MANUFACTURER OF PAINT AND ALLIED PRODUCTS. THE COMPANY PLANS ONLY TO STORE SPENT WASH SOLVENTS ON SITE IN CONTAINERS OR TANKS PRIOR TO RECOVERY OR RECYCLING OR SHIPPED OFF SITE FOR DISPOSAL. VARIOUS OTHER HAZARDOUS WASTES ARE ALSO GENERATED ON SITE AND ARE SHIPPED OFF SITE FOR DISPOSAL.

THE FINAL DRAFT PERMIT AND RELATED DOCUMENTS ARE AVAILABLE FOR REVIEW AT THE TOLEDO LUCAS COUNTY PUBLIC LIBRARY AT 325 MICHIGAN STREET AND AT U.S. EPA IN CHICAGO.

CITIZENS ARE INVITED TO SUBMIT WRITTEN COMMENTS ON THE PERMIT UNTIL SEPTEMBER 12, TO THE U.S. EPA WASTE MANAGEMENT BRANCH AT 230 SOUTH DEARBORN, CHICAGO, ILLINOIS 60604. U.S. EPA RESERVES THE RIGHT TO CANCEL THE HEARING IF SIGNIFICANT INTEREST IS NOT EXPRESSED BY AUGUST 24. IF THE HEARING IS CANCELLED NOTICE WILL BE PUBLISHED IN THE BLADE NEWSPAPER AND OVER STATION WLQR. FOR MORE INFORMATION, CONTACT U.S. EPA AT (312) 886-6148.

#

025-32

RADIO BROADCAST ANNOUNCEMENT

The United States Environmental Protection Agency (U.S. EPA) Region V (five) intends to issue a permit to E.I. DuPont de Nemours and Company facility at 1930 Treaminsville Road in Toledo, Ohio. The permit would allow the storage of certain spent solvents in carbon steel tanks on a 310 feet by 15 feet storage pad. These wastes are considered as hazardous wastes under Federal law.

U.S. EPA is seeking public comments before a final decision is made to issue the permit.

A public hearing on the E.I. DuPont de Nemours and Company draft permit will be held on Tuesday, September 8, in the Start High School (on 2061 Farragut Street, Toledo, Ohio) from 7:00 p.m. to 10:00 p.m. Written comments on the draft permit may be sent to U.S. EPA until September 12, at 230 S. Dearborn, Chicago, Illinois 60604. ^{Mail Code HW-13} U.S. EPA reserves the right to cancel the hearing if significant public interest is not expressed by August 25. If the hearing is cancelled, notice will be broadcast on this station.

For more information, citizens should contact U.S. EPA Waste Management Branch at 312/886-6148.

#



State of Ohio Environmental Protection Agency

P.O. Box 1049, 1800 WaterMark Dr.
Columbus, Ohio 43266-0149
(614) 644-3020
FAX (614) 644-2329

Steve

George V. Voinovich
Governor

Donald R. Schregardus
Director

June 12, 1992

Re: E.I. DuPont de Nemours & Co.
U.S. EPA ID No.: ~~OHD~~005041843
Ohio ID No.: 03-48-0195
Closure Plan

E.I. DuPont de Nemours & Co.
Attn: Mr. A. Parchomenko
1930 Tremainsville Road
Toledo, Ohio 43613

*Other folders
no*

Dear Mr. Parchomenko:

A public notice acknowledging the Ohio EPA's receipt of a closure plan for the E.I. DuPont de Nemours & Co. located at 1930 Tremainsville Road, Toledo, Ohio 43613 will appear the week of June 15, 1992 in the Toledo Blade, Toledo, Ohio. The Director of the Ohio EPA will act upon the closure plan request following the close of the public comment period, July 22, 1992.

Copies of the closure plan will be available for public review at the Toledo-Lucas County Public Library, 325 Michigan Street, Toledo, Ohio 43624 and the Ohio EPA, Northwest District Office, 347 North Dunbridge Road, Bowling Green, Ohio 43613.

Please contact Randy Sheldon at (614) 644-2977, if you have any questions concerning this matter.

Very truly yours,

Thomas E. Crepeau

Thomas E. Crepeau, Manager
Data Management Section
Division of Hazardous Waste Management

TEC/rs/closurereceipt

cc: Lisa Pierard, U.S. EPA, Region V
Randy Meyer, Ohio EPA, DHWM, RCRA TAS
Jeff Steers, Ohio EPA, NWDO, DHWM

PUBLIC NOTICE

Lucas County

RECEIPT OF HAZARDOUS WASTE CLOSURE PLAN

For: E.I. DuPont de Nemours & Co., 1930 Tremainsville Road, Toledo, Ohio 43613, US EPA ID No.: OHD005041843, Ohio ID No.: 03-48-0195. Pursuant to OAC Rule 3745-66-10 thru 17 and 40 CFR, Subpart G, 265.110 thru 117, the Ohio Environmental Protection Agency (Ohio EPA) is hereby giving notice of the receipt of a Hazardous Waste Facility Closure Plan involving a Hazardous Waste Container Storage Area (F Row) for the above referenced facility. Ohio EPA is also giving notice that this facility is subject to a determination concerning corrective action, a requirement under the Hazardous and Solid Waste Amendments of 1984, which concerns any possible uncorrected releases of hazardous waste or hazardous constituents to the environment from any current or previous solid waste management units at the above facility. A corrective action determination is required from hazardous waste facilities intending to close.

Copies of the facility's Closure Plan will be available for public review at the Toledo-Lucas County Public Library, 325 Michigan Street, Toledo, Ohio 43624 and the Ohio EPA, Northwest District Office, 347 North Dunbridge Road, Bowling Green, Ohio 43402. Comments concerning this plan or factual information concerning any releases of hazardous waste or hazardous waste constituents by the above facility requiring corrective action should be submitted within 30 days of this notice to: Ohio Environmental Protection Agency, Div. of Hazardous Waste Mgmt., Data Management Section, Attn: Thomas E. Crepeau, Box 1049, Columbus, Ohio 43266-0149.

INVOICE

83205

***RITA A. OTT
Kolebuck & Ott Reporting

414 North Erie Street
Suite 110
Toledo, Ohio 43624
(419) 255-2317

MS. OZIE ROBINSON
U.S. EPA - Region V
230 S. Dearborn St.
Chicago, ILL. 60604

DATE: September 13, 1983

NO. 83205

DATE	REFERENCE	BALANCE
9/8/83	<p>U.S. EPA Hearing - Toledo, Ohio in re: draft permit - DuPont deNemours & Company</p> <p>1 Original Transcript @ \$21.10 pg. Appearance Fee (\$30.00)</p> <p>***PLEASE MAKE CHECK PAYABLE TO: <u>RITA A. OTT</u> (300-48-7309)</p> <p>Thank You,</p>	<u>\$57.30</u>

UNITED STATES
ENVIRONMENTAL PROTECTION AGENCY

RECEIVED
SEP 10 1983

PUBLIC HEARING
September 8, 1983
WASTE MANAGEMENT
BRANCH

in re: Draft Permit - DuPont deNemours and Company
Toledo, Ohio

Location: Roy C. Start High School
Toledo, Ohio

Time: 7:00 - 8:00 o'clock p.m.

Present: Richard Clarizio, U.S. EPA
Chicago, Illinois

James W. Mayka, U.S. EPA
Chicago, Illinois

Rita A. Ott, Court Reporter
Kolebuck & Ott Reporting

Kolebuck & Ott Reporting

414 N. ERIE STREET — SUITE 110
TOLEDO, OHIO 43624
(419) 255-2317

1 ladies and gentlemen. Good evening,
2 MR. CLARIZIO: My name is Richard
3 Clarizio, and I am the Hearing Officer
4 representing the Chicago office of the United
5 States Environmental Protection Agency. With
6 me this evening is James Mayka, the primary
7 author of U.S. EPA's draft permit.

8 The purpose of tonight's
9 hearing is to receive your comments on U.S.
10 EPA's intent to issue a Resource Conservation
11 and Recovery Act storage permit to E.I. DuPont
12 de Nemours' Toledo plant located at 1930
13 Tremainsville Road here in Toledo.

14 Under the Resource Conservation
15 and Recovery Act, U.S. EPA has promulgated
16 regulations to protect human health and the
17 environment from the improper management of
18 hazardous waste. Section 3005 of the Resource
19 Conservation and Recovery Act, along with
20 Federal Regulations, established a permitting
21 system governing the treatment, storage and
22 disposal of hazardous wastes. These regu-
23 lations enable U.S. EPA to issue or deny
24

Kolchuck & Ott Reporting
414 N. ERIE STREET - SUITE 110
TOLEDO, OHIO 43624

permits for hazardous waste facilities.

If a state is authorized under Section 3006 of the Resource Conservation and Recovery Act, it may issue or deny permits in place of U.S. EPA. Since Ohio has not yet received the required authorization, U.S. EPA is responsible for acting on DuPont's RCRA permit application. If U.S. EPA grants DuPont the RCRA permit, DuPont will be able to store certain hazardous wastes at its Toledo facility. DuPont, however, must comply with the conditions of the permit. These conditions in turn must satisfy the requirements found in Title 40 of the Code of Federal Regulations. Some of these requirements include the proper design, operation and maintenance of DuPont's storage facility.

Before accepting comments from the audience, Mr. Mayka will present the background on DuPont's permit application and on U.S. EPA's draft permit. Following that, I will give you a summary of U.S. EPA's public participation requirements; and then we will accept comments from the audience.

1 MR. MAYKA: Thank you.

2 E.I. DuPont deNemours and Company, Incorporated,
3 hereafter referred to as DuPont, operates a
4 facility at 1930 Tremainsville Road in Toledo,
5 Ohio. The primary business conducted there is
6 the production of paints, resins and associated
7 surface coating materials.

8 As a consequence of production
9 and of the cleaning of tanks and equipment,
10 DuPont generates certain wastes which are
11 considered hazardous under Federal law. Wastes
12 are deemed hazardous due to the characteristics
13 of ignitability, corrosivity, reactivity and/
14 or toxicity. Greater than 98 percent of the
15 wastes stored by DuPont in Toledo in a given
16 year are hazardous due to their ignitability.

17 DuPont has been legally storing
18 wastes pursuant to a State of Ohio permit
19 and pursuant to Federal "interim status", which
20 status amounts to a temporary authorization
21 under Federal law, an authorization under
22 which thousands of other facilities across the
23 United States are currently operating.

24 The activities conducted by

1 DuPont in Toledo requiring a permit under the
2 Resource Conservation and Recovery Act are the
3 storage of waste in containers and the storage
4 of waste in tanks. The storage area for
5 containers is located on the east side of a
6 pad which measures 310 feet by 112 feet. The
7 actual ^{waste} storage portion of this pad measures
8 310 feet by 15 feet. The pad is constructed
9 of concrete approximately 8 inches thick and
10 ringed by a concrete curb ranging from 6 inches
11 to 12 inches in height. The draft permit
12 prepared by U.S. EPA would authorize DuPont
13 to store up to 54,000 gallons of waste in
14 containers.
15 Tank storage of waste is carried
16 out in any of 10 designated carbon steel tanks,
17 two of which have multiple compartments. Each
18 of these tanks exceeds the Underwriters
19 Laboratories minimum fabrication standards for
20 tank shell thickness, and DuPont is required
21 to prevent the rupture or collapse of any of
22 these tanks. The draft permit would authorize
23 DuPont to store up to 24,000 gallons of waste
24 in these tanks. DuPont stores wastes on-site

1 prior to either recycling the waste for reuse,
2 recovering thermal energy from the waste in
3 boilers, or shipping the waste off-site for
4 ultimate disposal. No hazardous wastes of any
5 kind are buried or otherwise discarded on the
6 grounds at DuPont.

7 DuPont filed its Federal permit
8 application in August, 1982. After performing
9 a review to ensure that the application was
10 complete, both the Ohio EPA and the U.S. EPA
11 undertook an adequacy review to ensure that the
12 facility would comply with all of the technical
13 permitting standards required by Federal law.
14 DuPont satisfied both agencies that the Federal
15 standards would be met. The draft permit, if
16 issued, incorporates all of the applicable
17 Federal standards. Actual portions of DuPont's
18 permit application are also incorporated into
19 the permit. These include the waste analysis
20 plan, inspection schedule, training program,
21 contingency plan and closure plan.

22 MR. CLARIZIO: Thank you,
23 Jim. I would now briefly summarize U.S. EPA's
24 public participation procedures for you. The

1 Resource Conservation and Recovery Act requires
2 U.S. EPA to notice its intent to issue a permit
3 in a major local newspaper and to broadcast it
4 over a local radio station. On July 29, 1983,
5 U.S. EPA published a public notice in The Blade.
6 That notice announced the availability for
7 public inspection of the agency's administrative
8 record relating to DuPont's permit application.
9 At that time, U.S. EPA also announced this
10 public hearing. WLOR broadcast notice of
11 this hearing on July 29, 1983. The permit
12 application and U.S. EPA's draft permit and
13 "statement of basis" have been available at
14 the Toledo Lucas County Public Library located
15 at 325 Michigan here in Toledo. The administra-
16 tive record, which includes the permit appli-
17 cation submitted by DuPont, U.S. EPA's draft
18 permit, our statement of basis, and other
19 related background documents is available at
20 U.S. EPA's office in Chicago.

21 All comments made today,
22 whether written or verbal, will become part
23 of U.S. EPA's administrative record for this
24 draft permit. We will also accept written

1 comments into the Record until September 12,
2 1983. Your comments should be sent to Ms.
3 Ozie Robinson, U.S. EPA, Region V, Waste
4 Management Branch, 230 S. Dearborn, Chicago,
5 Illinois, 60604. After the close of the
6 public comment period on September 12, U.S.
7 EPA will evaluate all information received
8 prior to reaching a final permit decision on
9 the draft permit. When making its final
10 decision, U.S. EPA will respond to all signif-
11 icant comments which have been presented at
12 this hearing or during the public comment
13 period provided for this hearing.

14 If new information or evidence
15 is submitted to U.S. EPA and the information
16 raises substantial new questions concerning the
17 draft permit, U.S. EPA may prepare a new draft
18 permit or a revised fact sheet. If there is
19 a need for substantial revision of the draft
20 permit, the comment period may be extended
21 or reopened. U.S. EPA will notice this fact
22 in The Blade. If the comment period is
23 reopened or extended, U.S. EPA will consider
24 only those comments which pertain to those

1 new issues.

2 Along with the final permit
3 decision, U.S. EPA will prepare a responsive-
4 ness summary, which will contain U.S. EPA's
5 response to the significant comments which
6 you have raised. The summary will also
7 indicate which conditions, if any, of the
8 draft permit were changed. U.S. EPA will also
9 indicate if any additional documents have been
10 included in the administrative record. We will
11 notify DuPont and each of you who have either
12 presented oral comments tonight, submitted
13 written comments tonight or at anytime during
14 the comment period, or who have requested a
15 notice of our decision, our final permit
16 decision.

17 If you filed comments on this
18 draft permit or participated in this public
19 hearing, you may request Administrator
20 Ruckelshaus to review and reconsider the final
21 permit decision. Persons who did not file
22 comments or did not participate in this
23 hearing may request review only of the changes,
24 if any, U.S. EPA made from the draft to the

1 final permit. All requests for review must be
2 made within 30 days after the final permit
3 decision has been issued and must be addressed
4 to Administrator Ruckelshaus in Washington.

5 The specific procedures which
6 you must follow in order to request review
7 will be included in the administrative record.
8 A few extra copies may also be available at the
9 registration desk. If there is anyone present
10 who does not plan to submit oral or written
11 comments but would like to receive notice of
12 U.S. EPA's final permit decision and its
13 response to comments, we have a sign-up sheet
14 on the reception table. It is entitled
15 "Request for Responsiveness Summary." Please
16 sign in.

17 U.S. EPA will have a transcript
18 of tonight's hearing. If you want a copy of
19 the transcript, please sign the sheet at the
20 reception table. I would point out that if
21 the transcript is 50 pages or more, there will
22 be a copying charge of 20 cents a page. If
23 you have not yet filled out a sign-in card,
24 we would appreciate your doing so before you

1 leave tonight. The sign-in cards are at the
2 reception table also.

3 I will call the speakers in the
4 order in which requests to speak were received.
5 Before you begin to speak, please give your
6 name and spell your surname for the Court
7 Reporter. If you have your comments in
8 written form, please give a copy to the Court
9 Reporter and to myself before you begin your
10 presentation. I must ask you to please limit
11 your presentations to 10 minutes. As the
12 end of your presentation, the panel may want
13 to ask you a question or two to clarify some
14 of your comments. The members of the panel
15 will be available after I have adjourned the
16 meeting to answer any questions you might have.

17 If you have a presentation which
18 is longer than 10 minutes, please summarize
19 your comments for us. You may submit longer
20 comments in writing to us today or at anytime
21 before the close of the public comment period
22 on September 12. At the end of your 10 minutes
23 if you have not finished, I will ask you to
24 conclude.

1 I would like to recommend that
2 you state for the Record any comments or ques-
3 tions you may have. I would also like to
4 stress that the purpose of this evening's
5 hearing is to collect your comments and ques-
6 tions. The Agency will not officially answer
7 these questions tonight, but it will prepare a
8 written response to all significant comments and
9 questions. This response will be contained in
10 the Responsiveness Summary, which is available
11 free of charge to anyone who has signed the
12 Responsiveness Summary sheet located at the
13 registration table.

14 I would like the Record to show
15 at this time that nobody has registered to
16 speak. Is there anyone in the audience who
17 would like to have the opportunity to speak?
18 I would like the Record to show that nobody
19 has requested an opportunity to speak.

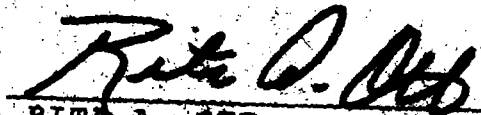
20 What I will do now, I will
21 leave the Record open until 8:00 o'clock p.m.
22 so that anyone who is late might have an
23 opportunity to make a statement. At this
24 time, there will be no more comments.

1 I will adjourn this hearing. Thank you

2 ---

3
4 C-E-R-T-I-F-I-C-A-T-E

5 I hereby certify that I, Rita A. Ott, a
6 Notary Public and Stenotype Reporter within and for
7 the State of Ohio, was present at this public hearing
8 concerning the DuPont draft permit held at Roy C.
9 Start High School on Thursday evening, September 8,
10 1983. I further certify that I have on this 13th
11 day of September transcribed same and have prepared
12 the Record to be sent, per instructions, to Ms. Ozie
13 Robinson, U.S. EPA Region V, Waste Management Branch,
14 230 South Dearborn, Chicago, Illinois, 60604.

15
16 

17 RITA A. OTT

18 Koblebuck & Ott Reporting

19
20
21
22
23
24
Koblebuck & Ott Reporting

414 N. ERIE STREET - SUITE 110
TOLEDO, OHIO 43624

FROM:

Ozie Robinson
U.S. EPA
230 S. Dearborn St. 5 HW -13
Chicago, IL 60604

Customer Number, if any:

TO:

ATTN: Joel Speiser
Sales Manager
WLQR - FM
4230 Secor Rd.
Toledo, OH 43623

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(2) *Merchandise Insurance*. Parcels are insured against loss, damage, or rifling up to a maximum of \$500.

• Signature is required upon delivery.
• Claims for delay, loss, damage or rifling must be made within 60 days. Claim forms may be obtained at the post office of mailing. This receipt must be presented when a claim is filed.

Express Mail Service

Customer Receipt

10. SHIPMENT TO BE MADE BY

☐ GOVT. BILL ☐ CONVERSION ☐ COML. BILL ☐ COLLECT
OF LADING TO GBL OF LADING

11. WHEN PROPERTY OF VARYING DESCRIPTIONS IS TO BE SHIPPED, SEGREGATE BY LINE ITEMS, ENTER QUANTITY AND VALUE OF EACH LINE ITEM (IF ADDITIONAL SPACE IS NEEDED, USE REVERSE SIDE).

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1		Radio Announcement			\$
TOTAL:					\$

12.

☐ PACK ☐ CRATE ☐ SPECIAL PACKING
(Explain)

13. INCLUDES FLAMMABLES, COM-

PRESSED GASES, CHEMICALS?
☐ YES ☐ NO

14. SHIP TO (CONSIGNEE) (Name, Street, City, State, Zip Code or Country)

WLQR - FM
4230 Secor Rd.
Toledo, Ohio 43623 ATTN: Joel Speiser

15. ADDITIONAL INFORMATION, INSTRUCTIONS, OR JUSTIFICATION FOR EXPEDITED MODE OF SHIPMENT

16. DATE SHIPMENT MUST ARRIVE AT DESTINATION

7/19/83

17. PROPERTY CLEARANCE (Signature of Property Custodial Officer)

18. SIGNATURE OF PROPERTY ACCOUNTABLE OFFICER

19. ACCOUNTING DATA

Express Mail

20. SIGNATURE OF ADMINISTRATIVE OFFICIAL OR DESIGNEE

21. DATE

THIS INFORMATION MAY BE USED BY THE SHIPPING/REQUESTING OFFICES IN KEEPING DATA ON SHIPMENTS.

MODE OF TRANSPORTATION	DATE SHIPPED	ESTIMATED ARRIVAL DATE	B/L NUMBER
CARRIER(S) USED AND ROUTING	NUMBER OF PIECES	TOTAL WEIGHT	ESTIMATED COST

[illegible]

PROCUREMENT REQUEST/REQUISITION <small>Please read instructions on reverse before completing the form.</small>														1. DATE July 12, 1983		2. DATE REQUIRED Sept. 8, 1983		PAGE 1 OF 1																			
3a. ORIGINATOR (Name) Ozie Robinson														b. PROG ELEM		4. DELIVER TO: U.S. EPA 230 S. Dearborn St. Chicago, Illinois 60604		5a. PROJECT MANAGER (Name) Jim Mayka		6. PROCUREMENT OFFICE Region V																	
c. PHONE NO. 886-6153				d. MAIL CODE SHW-13				e. DIVISION SHW				b. PHONE NO. 888-7443				6. PROCUREMENT OFFICE Region V																					
7. PROCUREMENT OFFICE USE ONLY <input type="checkbox"/> ORAL ORDER-ORDER NO. VENDOR NAME AND ADDRESS Rita Ott 414 N. Erie St., Suite 410 Toledo, Ohio 43624														PURCHASE AUTHORITY/CONTRACT NUMBER PERSON TAKING ORDER/QUOTING DATE TELEPHONE NO. CONTRACTING/ORDERING OFFICER TELEPHONE NO.																							
8. FINANCIAL DATA (a) APPROPRIATION 1436204														NOTE: ITEM 8(c) DOCUMENT TYPE -- Contract = "C" Purchase Order = "P" IGA = "A" Other (misc.) = "X"																							
FMO USE (b)														D T (c)		DOCUMENT CONTROL NO. (d)				ACCOUNT NO. (e)				OBJECT CLASS (f)		AMOUNT (g) DOLLARS CTS.											
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56																																					
2 0 0																97727314										41240											
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3 0 0																																					
SERVICING FINANCE OFFICE														10. AMOUNT OF MONEY SHOWN IS COMMITTED AS: <input checked="" type="checkbox"/> ORIGINAL <input type="checkbox"/> DECREASE <input type="checkbox"/> INCREASE														11. PLANNING I.D. NO.									
Region V-Fiscal Analysis@Chicago, Illinois																																					
STOCK OR ITEM NO. (12)				DESCRIPTION (13)										QUANTITY (14)				UNIT OF ISSUE (15)		UNIT COST (16)		AMOUNT (17)															
DATE: Sept. 8, 1983 August 30, 1983 7:00 to 10:00 p.m.				Court Reporter Services needed for a Public Hearing located in Toledo, Ohio for E.I. DuPont de Nemours and Company. Transcript: Needed by U.S. EPA in one (1) week. Reporting Services JUSTIFICATION: A Transcript of Public Hearing on E.I. DuPont de Nemours and Company in Toledo, Ohio is needed for Documentation of this event for the record.										(Estimate) 3 hours 150 Pages Estimate				at \$22		\$366.00		30.009000															
ENVIRONMENTAL AGENCY JUL 19 3 45 PM '83 RECEIVED MANAGEMENT SERVICES																		at \$2.40		\$360.00		\$426.00															
18. SUGGESTED CONTRACTOR/VENDOR Procurement-Please choose court reporter ATTN: Janusz Porosilo														20. SIGNATURE OF ORIGINATOR Ozie Robinson										DATE July 12, 1983													
19. RECOMMENDED PROCUREMENT METHOD <input type="checkbox"/> COMPETITIVE <input type="checkbox"/> NONCOMPETITIVE (Justification attached)														21. SIGNATURE OF PROP. MGMT. OFFICER/DESIGNEE Janusz Porosilo										DATE 7/16/83													
22. ACCOUNTABLE PROPERTY <input type="checkbox"/> INITIALS														23. NOT AVAILABLE FROM EXCESS <input type="checkbox"/> INITIALS																							
24. APPROVALS																																					
b. BRANCH/OFFICE				DATE				d. FINANCE				DATE																									
b. DIVISION/OFFICE				DATE				e. OTHER				DATE																									
c. FUNDS LISTED ABOVE ARE AVAILABLE AND RESERVED				DATE				f. OTHER				DATE																									

MARK ALL PACKAGES AND PAPERS WITH CONTRACT AND/OR ORDER NUMBERS

1 DATE OF ORDER 7-28-83	2 CONTRACT NO. (if any)	3 ORDER NO. 59228 NASA	PAGE 1 OF 1
4 ISSUING OFFICE U.S. Environmental Protection Agency, Region V 230 S. Dearborn St., Chicago, IL 60604			
5 ACCOUNTING AND APPROPRIATION DATA 6830200 QTT027 3A4E05S003 2526 \$412.50			
6 SHIP TO (Consignee and Address, ZIP Code) U.S. Environmental Protection Agency 230 S. Dearborn St., Chicago, IL 60604 ATTN: Ozie Robinson, 5HW-13			
7 TO: CONTRACTOR (Name, Address, ZIP Code) Rita Ott 414 N. Erie St., Suite 410 Toledo, Ohio 43624		8 TYPE OF ORDER <input type="checkbox"/> (a) Purchase Reference your <input checked="" type="checkbox"/> (b) Delivery Except for billing instructions on the reverse, this delivery order is subject to instructions contained on this side only of this form and is issued subject to the terms and conditions of the above-numbered contract. 41 USC 252 (c)(15) (PL 95-507)	
9 REQUISITION OFFICE 5HW	10 REQUISITION NO./PURCHASE AUTHORITY Ozie Robinson	11 F.O.B. POINT Dest.	
12 GOVERNMENT B/L NO. N/A	13 DELIVERY TO F.O.B. POINT ON OR BEFORE 9-8-83	14 DISCOUNT TERMS Net 30	

15. SCHEDULE

See reverse for rejections

Item No. (a)	Supplies or Services (b)	Quantity Ordered (c)	Unit (d)	Unit Price (e)	Amount (f)	Quantity Accepted (g)
1.	Court Reporting Services for a Public Hearing Date: September 8, 1983 Time: 7:00pm - 10:00pm Location: Start High School 2061 Farragut St. Toledo, Ohio	3	NR	\$30.00	\$90.00	(Est.)
2.	Reporting Service	150	PG	2.15	\$322.50	(Est.)
NOTICE TO SUPPLIER - This is a firm order ONLY if your price does not exceed the total price on the Order. If you cannot perform in exact accordance with this order or if your price exceeds the total price on the order, WITHHOLD PERFORMANCE and notify the Contracting Officer immediately, giving your quotation.						

16. CLASSIFICATION: <input type="checkbox"/> SMALL BUSINESS <input type="checkbox"/> OTHER THAN SMALL BUSINESS <input type="checkbox"/> MINORITY BUSINESS ENTERPRISE			15 (h) Total from continuation pages
SEE BILLING INSTRUCTIONS ON REVERSE	17 SHIPPING POINT	18 GROSS SHIPPING WEIGHT	19 INVOICE NO.
20 MAIL INVOICE TO (Include ZIP Code) See paragraph a.(1) of the Prompt Payment article attached. \$412.50			15 (i) GRAND TOTAL
21 UNITED STATES OF AMERICA BY (Signature)		22 NAME (Typed) Nancy E. Sullivan (312) 836-6876 TITLE CONTRACTING/ORDERING OFFICER	

ORDER FOR SUPPLIES OR SERVICES

147-108

STANDARD FORM 147 (REV. 2-77)
Prescribed by GSA, FPR (41 CFR) 1-3.605



UNITED STATES
ENVIRONMENTAL PROTECTION AGENCY
REGION V
230 SOUTH DEARBORN ST.
CHICAGO, ILLINOIS 60604

REPLY TO ATTENTION OF:
5HW-13

JUL 27 1983

Enclosed is a copy of the Public Notice which will appear on July 29, 1983, in the Blade, Toledo, Ohio. The United States Environmental Protection Agency (U.S. EPA) is announcing its intent to issue a Resource Conservation and Recovery Act (RCRA) permit to E.I. DuPont de Nemours and Company, (DuPont) to store hazardous waste at 1930 Tremainsville Road, Toledo, Ohio. U.S. EPA is inviting public comments on the draft permit, which specifies conditions under which DuPont must manage hazardous waste in order to comply with Federal regulations.

A public hearing concerning the draft permit has been scheduled on September 8, 1983, in the Start High School on 2061 Farragut Street, Toledo, Ohio from 7:00 p.m. to 10:00 p.m. U.S. EPA reserves the right to cancel the hearing if significant public interest is not expressed by August 24. If the hearing is cancelled the notice will be published in the Blade newspaper and over the broadcast station WLQR.

Included for your information is a copy of the statement of basis and U.S. EPA's draft permit for DuPont. Under 40 CFR Part 124.10(e), you are entitled to a copy of the DuPont's application. If you wish to receive a copy, please contact Ms. Ozie Robinson, at (312) 886-6148.

Before taking final action on the permit, U.S. EPA Region V will give full consideration to all public comments that address the technical aspects of this matter.

Please contact Ms. Ozie Robinson, if you have any questions or need additional information.

Sincerely yours,

Karl J. Klepitsch, Jr., Chief
Waste Management Branch

Enclosures

PUBLIC VOUCHER FOR ADVERTISING

DEPARTMENT OR ESTABLISHMENT, BUREAU OR OFFICE		For Agency Use Only
United States Environmental Protection Agency/Waste Management Branch		VOUCHER NUMBER
PLACE VOUCHER PREPARED	DATE PREPARED	SCHEDULE NUMBER
230 S. Dearborn St./Chicago, Illinois 60604	6/28/83	
NAME OF PUBLICATION		PAID BY
The Blade		
NAME OF PUBLISHER OR REPRESENTATIVE		
Paul Block		
ADDRESS (Street, room number, city, State, and ZIP code)		
541 Superior St./Toledo, Ohio 43660		
ATTN: Ms. Lane		

CHARGES

TYPEFACE	(size of type)	(inch, square, word, or folio)
agate	6	POINT PER line
	NUMBER OR LINES (Indicate counted or space)	COST PER LINE
FIRST INSERTION	116 lines	\$ 1.24
ADDITIONAL INSERTIONS GIVE NUMBER		
TOTAL		\$ 143.84
	NUMBER OF UNITS (Indicate inch, square, word, folio)	COST PER UNIT
FIRST INSERTION		
ADDITIONAL INSERTIONS GIVE NUMBER		
TOTAL		\$ 143.84
1—LEGAL NOTICE 416		
PUBLIC NOTICE		
The United States Environmental Protection Agency (U.S. EPA) Region V is hereby giving notice of its intent to issue a Resource Conservation and Recovery Act (RCRA) permit for E.I. DuPont de Nemours and Company (DuPont) to store hazardous waste at 1930 Tremainsville Road, Toledo, Ohio, in accordance with Section 7004 of the RCRA and 40 CFR Section 124.10. U.S. EPA is inviting public comment and giving notice of a public hearing to be held on this application. The permit application, U.S. EPA's draft permit, statement of basis and other materials included in the administrative record are available for public review.		
The Toledo facility is primarily a manufacturer of paint and allied products. The permit would authorize DuPont to store hazardous waste at their facility which includes a container storage pad 310 feet by 15 feet, with a capacity of 56,000 gallons, and 10 carbon steel tanks with a capacity of 24,000 gallons. Hazardous waste will be stored on site in containers or tanks prior to recovery or recycling or shipped off site for disposal. The primary hazardous wastes generated at DuPont are spent wash solvents. Various other hazardous wastes are also generated on site and are shipped off site for disposal.		
The DuPont permit application, U.S. EPA's draft permit and the statement of basis are available for public inspection and copying at the Toledo Lucas County Public Library, 325 Michigan St., Toledo, Ohio (contact Mr. David Noel (419) 255-7055). These materials and other supporting documents also are available in the administrative record at U.S. EPA Region V, Waste Management Division, 230 S. Dearborn St., Chicago, Illinois 60604, from 9:00 a.m. to 4:30 p.m. weekdays contact Ms. Ozie Robinson (312) 886-6148.		
A public hearing on U.S. EPA's draft permit for DuPont will be held on September 8, 1983, from 7:00 p.m. to 10:00 p.m., at Start High School, 2061 Farragut Street in Toledo, Ohio. Speakers at the hearing are requested to register with U.S. EPA prior to the hearing or at the start of the session, to limit oral presentations to five minutes, and to submit their comments in writing at the time of the hearing. U.S. EPA reserves the right to cancel the hearing if significant public interest is not expressed by August 24. If the hearing is canceled notice will be		

Attach one copy of a copy of voucher here

This represents a true

SIGNATURE OF PUBLISHER

TITLE

ADVERTISEMENT PUBLISHED

I certify that the above payment.

SIGNATURE AND TITLE

SIGNATURE AND TITLE

ESTIMATE

QT

and lower rules) to each the following affidavit.

TOTAL LINE RATES AND OTHER RATES

LESS DISCOUNT AT %

BALANCE DUE

VERIFIED (Initials)

AFFIDAVIT

Advertising order, with specifications and copy, which has been completed.

FOR AGENCY USE ONLY

DATE PUBLISHED

have appeared in the named publication and that this account is correct and eligible for

DATE

DATE

CLASSIFICATION

PAID BY CHECK NUMBER

830200

A4E059002

2540

025-30

DEPARTMENT OR ESTABLISHMENT, BUREAU OR OFFICE

United States Environmental Protection Agency/Waste Management Branch

DATE

The publisher of the publication named below is authorized to publish the enclosed advertisement according to the schedule below provided the rates are not in excess of the commercial rates

charged to private individuals with the usual discounts. It is to be set solid, without paragraphing, and without any display in the heading unless otherwise expressly authorized in the specifications.

NAME OF THE PUBLICATION ADVERTISED IN
The Blade

SUBJECT OF ADVERTISEMENT

Public Notice

EDITION OF PAPER ADVERTISEMENT APPEARED

P.M.

NUMBER OF TIMES ADVERTISEMENT APPEARED

One time only

DATE(S) ADVERTISEMENT APPEARED

July 29, 1983

SPECIFICATIONS FOR ADVERTISEMENT

Please place this ad in the legal notice/Classified ad section

416
1 X 8
7/29

COPY FOR ADVERTISEMENT

See Attached

AUTHORITY TO ADVERTISE		INSTRUMENT OF ASSIGNMENT	
NUMBER	58281NASA	NUMBER	
DATE	July 25, 1983	DATE	
SIGNATURE OF AUTHORIZING OFFICIAL	<i>Roy C. Jacobson</i>	TITLE	

INSTRUCTIONS TO PUBLISHERS

Extrema care should be exercised to insure that the specifications for advertising to be set other than solid be definite, clear, and specific since no allowance will be made for paragraphing or for display or leaded or prominent headings, unless specifically ordered, or for additional space required by the use of type other than that specified. Specifications for advertising other than solid and the advertisement copy submitted to the publisher will be attached to the voucher. The following is a sample of solid line advertisement set up in accordance with the usual Government requirements.

DEPARTMENT OF HIGHWAYS & TRAFFIC.
D.C. Bids are requested for first spring 1966 cement concrete repair contract, including incidental work, Washington, D.C., Invitation No. C-5576-H, consisting of 11,000 sq. yds. PCC Class BB sidewalk repair and 2,000 cu. yds. PCC Class A pavement, alley, & driveway repair, both cut repairs only. Bidding material available from the Procurement Officer, D.C. Sealed bids to be opened in the Procurement Office at 2:00 p.m., November 15, 1965.

Your bill for this advertising order should be submitted on the "Public Voucher for Advertising" form, which is printed on the reverse of this form, immediately after the last publication of the advertisement. If copies of the printed advertisement are not available, complete the affidavit provided on the voucher. Submit the voucher and a copy of the printed advertisement to
United States Environmental Protection Agency
Financial Operation Section/230-S. Dearborn
Chicago, Illinois 60604

IMPORTANT

Charges for advertising when a cut, matrix, stereotype or electrotype is furnished will be based on actual space used and no allowance will be made for shrinkage.

In no case shall the advertisement extend beyond the date and edition stated in this order.

9/8/83

PUBLIC HEARING
NEWSPAPER/LIBRARY/RADIO/FACILITY LOCATION CHECKLIST

Chg Pub
NTE - 7/30/83

Verified
8/11/83

*NEWSPAPER

Name: The Blade
Address: 541 Superior St. (Toledo, Ohio, 43660)
Phone: 419/245-6000
Publisher Name: Paul Block
ATTN: Ms. Lane
a.m. _____ p.m. _____ Daily _____ Weekly _____

How far in advance is noticed needed: 1 day ahead can publish next day
Publication date: _____ Rates: \$1.72 per line 32 ops. per line
Count punctuation and spaces.

LIBRARY

Name: Toledo Lucas County Public Library
Address: 325 Michigan Street / 43624
Phone: 419/255-7055
ATTN: David Noel

Verified
8/11/83 6:00-10:00 am

RADIO STATION

~~90 min~~ slot (no 90 sec)

Name: WLQR (FM) Rates: \$60.00
Address: 4230 Secor Rd, Toledo, Ohio 43623
Phone: 419/473-0101 Contact Person: Joe Speiser/Alan Mgr.

**FACILITY

Name: Start High School
Address: 2061 Farragut St. Toledo, Ohio 43613
Phone: 419/729-8439 Contact Person: Sam Epstein

***State Contact: _____ Phone: _____

*Make sure you ask if prepayment is needed if so we cannot use the newspaper.

**Make sure you ask how many people the facility can accomodate, preferably 300-350 and if they can provide microphones. Never say you are booking this facility you just want general information.

***This person could probably give you suggestions for a good facility location, and a mailing list.

A public hearing on U.S. EPA's draft permit for DuPont will be held on August 31, 1983, from 7:00 p.m. to 10:00 p.m., at Start High School, 2061

Farragut Street in Toledo, Ohio. Speakers at the hearing are requested to register with U.S. EPA prior to the hearing or at the start of the session,

~~and~~ to limit oral presentations to 5 minutes, ^{and to submit their comments in writing at the time of the hearing} U.S. EPA reserves the right

to cancel the hearing if significant public interest is not expressed by

August 15. If the hearing is cancelled notice will be published in the

Blade and over the broadcast station WLQR.

In addition, written comments on the application and draft permit will be accepted by U.S. EPA until August 31. Comments on the application and draft

permit, as well as notification of intent to provide oral comments at the

hearing, should be sent to Ms. Ozie Robinson, U.S. EPA Region V, 230 S.

Dearborn St., Chicago, Illinois 60604.

After the close of the public comment period, U.S. EPA will ^{review all comments received prior to issuing a} ~~issue a~~ final

decision on the DuPont permit. Notification of the final permit decision

will be provided to each person who presented oral testimony at the hearing,

submitted written comments, or requested notice of the decision. Under 40

CFR Section 124.17, U.S. EPA will respond to all significant comments on the

draft permit, specify which provisions of the permit were changed and indicate

whether additional documents have been included in the administrative record.

The U.S. EPA response regarding a decision to issue or deny a permit will

include a reference to the procedures for appealing the decision (40 CFR

Section 124.19). U.S. EPA's procedures for public comment and hearings are

found in 40 CFR Sections 124.13.

AUG 5 1983

5HW-13

Mr. Joel Speiser
Sales Manager
WLQR-FM
4230 Secor Road
Toledo, Ohio 43623

Dear Mr. Speiser:

Per our telephone conversation on Friday, July 29, 1983, I am enclosing a Public Service Announcement regarding a public hearing scheduled September 8, 1983, on a hazardous waste permit that the United States Environmental Protection Agency (U.S. EPA) Region V intends to issue to E.I. DuPont de Nemours and Company (DuPont) of Toledo, Ohio.

I appreciate your offer to provide information about the DuPont draft permit to citizens residing in the area.

Although pertinent facts about the public hearing were provided in the advertisement U.S. EPA purchased for broadcast on WLQR-FM on July 29, 1983, additional details about the draft permit also are included in the enclosed announcement. As you mentioned, this information, if possible, can be incorporated in the public service broadcasts by your station.

Also enclosed are contact names and telephone numbers for further information, a copy of the DuPont draft permit statement of basis, and a copy of the Public Notice that was published on July 29, 1983, in the Blade newspaper.

U.S. EPA reserves the right to cancel the hearing if significant public interest is not expressed by August 24. If the hearing is cancelled notice will be published in the Blade newspaper and over the broadcast station WLQR.

Since Section 7004(b)(2) of the Resource Conservation and Recovery Act (RCRA) requires U.S. EPA to have a public notice of its intention to issue a hazardous waste permit broadcast on radio stations serving the area, I would appreciate your cooperation by returning the enclosed, self-addressed, stamped form noting the dates and times of the broadcasts you were able to provide.

Thank you and your staff for your assistance, and please contact me at (312) 886-6148, if you have any questions.

Sincerely,

Ozie Robinson
Public Notice Assistant

Enclosures

ADVERTISING ORDER

ORDER NUMBER

DEPARTMENT OR ESTABLISHMENT, BUREAU OR OFFICE

United States Environmental Protection Agency/Waste Management Branch

DATE

The publisher of the publication named below is authorized to publish the enclosed advertisement according to the schedule below provided the rates are not in excess of the commercial rates

charged to private individuals with the usual discounts. It is to be set solid, without paragraphing, and without any display in the heading unless otherwise expressly authorized in the specifications.

NAME OF THE PUBLICATION ADVERTISED IN
The Blade

SUBJECT OF ADVERTISEMENT

Public Notice

EDITION OF PAPER ADVERTISEMENT APPEARED

P.M.

NUMBER OF TIMES ADVERTISEMENT APPEARED

One time only

DATE(S) ADVERTISEMENT APPEARED

July 29, 1983

SPECIFICATIONS FOR ADVERTISEMENT

Please place this ad in the legal notice/Classified ad section

COPY FOR ADVERTISEMENT

See Attached

AUTHORITY TO ADVERTISE

NUMBER

DATE

SIGNATURE OF AUTHORIZING OFFICIAL

INSTRUMENT OF ASSIGNMENT

NUMBER

DATE

TITLE

INSTRUCTIONS TO PUBLISHERS

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DEPARTMENT OF HIGHWAYS & TRAFFIC.
D.C. Bids are requested for first spring 1966 cement concrete repair contract, including incidental work. Washington, D.C., Invitation No. C-6516-H, consisting of 11,000 sq. yds. PCC Class BB sidewalk repair and 2,000 cu. yds. PCC Class A pavement, alley, & driveway repair, both cut repairs only. Bidding material available from the Procurement Officer, D.C. Sealed bids to be opened in the Procurement Office at 8:00 p.m., November 15, 1965.

Your bill for this advertising order should be submitted on the "Public Voucher for Advertising" form, which is printed on the reverse of this form, immediately after the last publication of the advertisement. If copies of the printed advertisement are not available, complete the affidavit provided on the voucher. Submit the voucher and a copy of the printed advertisement to
United States Environmental Protection Agency
Financial Operation Section/230-S-Deerborn
Chicago, Illinois 60604

IMPORTANT

Charges for advertising when a cut, matrix, stereotype or electrotype is furnished will be based on actual space used and no allowance will be made for shrinkage.

In no case shall the advertisement extend beyond the date and edition stated in this order.

1. DATE		2. DATE REQUIRED		PAGE 1 OF 1	
7/12/83		7/29/83			
3a. ORIGINATOR (Name)		b. PROG ELEM		4. DELIVER TO:	
Ozie Robinson				U.S. EPA 230 S. Dearborn St. Chicago, Illinois 60604	
c. PHONE NO.		d. MAIL CODE		5a. PROJECT MANAGER (Name)	
886-6153		5HW-13		Jim Mayka	
6. DIVISION		b. PHONE NO.		6. PROCUREMENT OFF	
5HW		886-7443		Region V	
7. PROCUREMENT OFFICE USE ONLY				PURCHASE AUTHORITY/CONTRACT NUMBER	
<input type="checkbox"/> ORAL ORDER-ORDER NO.				DISCOUNT TERMS	
VENDOR NAME AND ADDRESS				PERSON TAKING ORDER/QUOTING	
Box #18				FOB POINT	
				DATE	
				TELEPHONE NO.	
				DELIVERY	
				CONTRACTING/ORDERING OFFICER	
				TELEPHONE NO.	
8. FINANCIAL DATA				NOTE: ITEM 8(c) DOCUMENT TYPE -- Contract = "C"	
(a) APPROPRIATION				Purchase Order = "P" IGA = "A" Other (misc.) = "X"	
FMO USE				DOCUMENT CONTROL NO.	
(b)				(d)	
ACCOUNT NO.				OBJECT CLASS	
(e)				(f)	
AMOUNT (g)				DOLLARS CTS.	
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10. AMOUNT OF MONEY SHOWN IS COMMITTED				11. PLANNING I.D. NO.	
AS:					
<input checked="" type="checkbox"/> ORIGINAL				<input type="checkbox"/> DECREASE	
<input type="checkbox"/> INCREASE					
12. STOCK OR ITEM NO.				13. DESCRIPTION	
(12)				(13)	
Announce between the hours of 6:00a.m. and 10:00 a.m.				Radio Announcement for Public Hearing Toledo, Ohio. July 29, 1983	
				JUSTIFICATION: Radio broadcast announcement on RCRA permits is required under Section 7004(b) of RCRA (I.D. #OHD005041813).	
				PROCUREMENT DEPARTMENT: See attachment for Radio Broadcast Announcement.	
18. SUGGESTED CONTRACTOR/VENDOR				20. SIGNATURE OF ORIGINATOR	
Mr. Joel Speiser				DATE	
4230 Secor Road				7/12/83	
Toledo, Ohio 419/473-0101				21. SIGNATURE OF PROP. MGMT. OFFICER/DESIGNEE	
				DATE	
19. RECOMMENDED PROCUREMENT METHOD				22. ACCOUNTABLE PROPERTY	
<input type="checkbox"/> COMPETITIVE <input type="checkbox"/> NONCOMPETITIVE (Justification attached)				<input type="checkbox"/> INITIALS	
				23. NOT AVAILABLE FROM EXCESS	
				<input type="checkbox"/> INITIALS	
24. APPROVALS					
a. BRANCH/OFFICE		DATE		d. FINANCE	
b. DIVISION/OFFICE		DATE		e. OTHER	
c. FUNDS LISTED ABOVE ARE AVAILABLE AND RESERVED		DATE		f. OTHER	